

SAMSUNG

TFT-LCD TV/MONITOR

Chassis	Model
RE23EO	LE23R51B
RE26EO	LE26R51B
RE32EO	LE32R51B
RE40EO	LE40R51B

SERVICE Manual

TFT-LCD TV/MONITOR

CONTENTS



1. Precautions
2. Product Specifications
3. Disassembly & Reassembly
4. Alignment & Adjustments
5. Troubleshooting
6. Exploded View & Parts List
7. Parts List
8. Block Diagram
9. Wiring Diagram
10. PCB Layout
11. Schematic Diagrams
12. Panel Description



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Samsung Electronics Co.,Ltd.
416, Maetan-3Dong, Yeongtong-Gu, Suwon City, Gyeonggi-Do,
Korea, 443-742
Printed in Korea
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URL : <http://itself.sec.samsung.co.kr/>

1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1 Safety Precautions

1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC Power Jack before servicing.

1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):
WARNING: Do not use an isolation transformer during this test.

Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

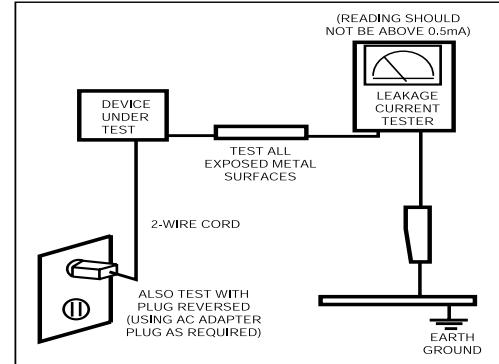


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by \triangle on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1 Precautions

1-2 Servicing Precautions

WARNING: **An electrolytic capacitor installed with the wrong polarity might explode.**

Caution: **Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.**

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
(a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.

4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.
The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as anti-static can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
- Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.**
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

2 Product Specifications

2-1 LE23R41B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 23-Inch viewable, 0.4425 (H) x 0.264(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω, internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	140 W	
Dimensions(W x D x H) Set	583.0 X 90.0 X 443.0 mm (21.18 x 3.54 x 7.44 inches) Body 583.0 X 206.0 X 484.7 mm (21.18 x 8.11 x 19.08 inches) With stand	
Weight Set(After installation Stand)	15.0 kg (33.07 lbs)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Antenna Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 3 W, Left => 3 W	
	- BASS Control Range : -8 dB ~ +8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

2 Product Specifications

2-2 LE26R41B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 26-inch viewable, 0.4425 (H) x 0.264(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ± 5% positive at 75 , internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	150 W	
Dimensions(W x D x H) Set	662.0 x 94.0 x 497.8 mm (26.06 x 3.70 x 19.598 inches) Body 662.0 x 206.0 x 539.0 mm (26.06 x 8.11 x 21.22 inches) With stand	
Weight Set(After installation Stand)	15.0 kg (33.07 lbs)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Antenna Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 5 W, Left => 5 W	
	- BASS Control Range : -8 dB ~ +8 dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

2-3 LE32R41B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.537(H) x 0.537(V) mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω, internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	697.7 mm / 392.4 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	160 W	
Dimensions(W x D x H) Set	797.0 x 99.0 x 592.0 mm (31.38 x 3.898 x 23.31 inches) Body 797.0 x 249.0 x 650.7 mm (31.38 x 9.80 x 25.62 inches) With Stand	
Weight Set(After installation Stand)	15.0 kg (33.07 lbs)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Antenna Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 10 W, Left => 10 W	
	- BASS Control Range : -8 dB ~ +8 dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

2-4 LE40R41B Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.4425 (H) x 0.264(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1366 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ± 5% positive at 75Ω, internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	556.4 mm / 339.8 mm	
AC power voltage & Frequency	AC 220 ~ 240V, 50 ~ 60 Hz	
Power Consumption	240 W	
Dimensions(W x D x H) Set	989.0 x 333.1 x 762.6 mm ((38.94 x 13.11 x 30.02 inches) Body 989.0 x 110.0 x 702.6 mm (38.94 x 4.33 x 27.66 inches) With stand	
Weight Set(After installation Stand)	27.2 kg (59.96 lbs)	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	PAL, SECAM
	Sound	MONO, STEREO, NICAM
Antenna Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 10 W, Left => 10 W	
	- BASS Control Range : -8 dB ~ +8 dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

2-5 Pin Assignments

2-5-1 HDMI

Type A pin	Signal Name	Wire
1	TMDS Data2+	TMDS Signal wire
2	TMDS Data2 Shield	TMDS Shield
3	TMDS Data2-	TMDS Signal wire
4	TMDS Data1+	TMDS Signal wire
5	TMDS Data2 Shield	TMDS Shield
6	TMDS Data1-	TMDS Signal wire
7	TMDS Data0+	TMDS Signal wire
8	TMDS Data0 Shield	TMDS Shield
9	TMDS Data0-	TMDS Signal wire
10	TMDS Clock+	TMDS Signal wire
11	TMDS Clock Shield	TMDS Clock Shield
12	TMDS Clock-	TMDS Shield
13	CEC	Control
14	Reserved (in cable but N.C on device)	Control
15	SCL	Control
16	SDA	Control
17	DDC/CEC Ground	Control
18	+5V Power	5 Volts Power wire
19	Hot Plug Detect	Control

2 Product Specifications

2-5-2 Component 1

RCA Green	Y
	GND
RCA Blue	Pb (Cb)
	GND
RCA Red	Pr (Cr)
	GND
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

2-5-3 S-Video

Pin	Separate
1	GND
2	Y
3	C
4	GND
5	GND

2-5-4 A/V

RCA Yellow	CVBS
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

2-5-5 SCART 1

Pin	Separate	Pin	Separate
1	SC1 RED OUT	12	N/C
2	SC1 RED IN	13	GND
3	SC1 LEFT OUT	14	GND
4	GND	15	SC1 RED
5	GND	16	GND
6	SC1 LEFT IN	17	SC1 FAST BLANKING
7	SC1 BLUE	18	GND
8	SC1 SWITCHING	19	SC1 CVBS OUT
9	GND	20	SC1 CVBS IN
10	N/C	21	GND
11	SC1 GREEN		

2-5-6 SCART 2

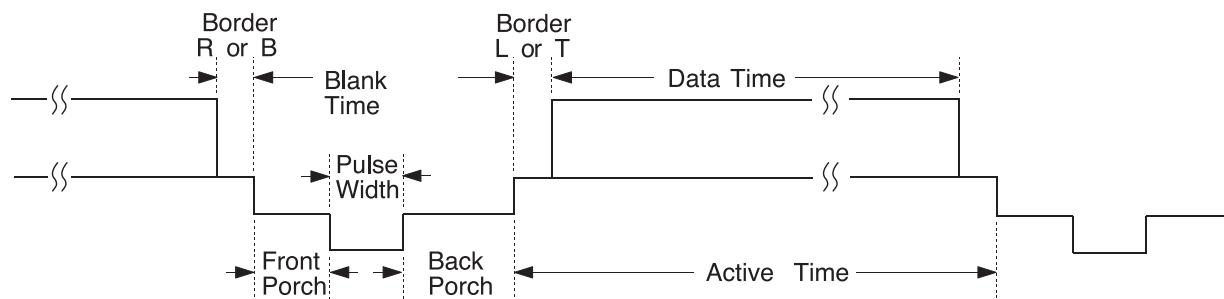
Pin	Separate	Pin	Separate
1	SC2 RED OUT	12	N/C
2	SC2 RED IN	13	GND
3	SC2 LEFT OUT	14	GND
4	GND	15	N/C
5	GND	16	N/C
6	SC2 LEFT IN	17	GND
7	N/C	18	GND
8	SC2 SWITCHING	19	SC2 CVBS OUT
9	GND	20	SC2 CVBS IN
10	N/C	21	GND
11	N/C		

2-6 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

2-6-1 LCD Panel Mode1 mode

Timing No.	VESA 1280/60Hz	VESA 1366/60Hz
Originator		
Mode Name		
Resolution (HxV)	1280x768	1366x768
HORIZONTAL		
Frequency	47.700kHz	47.712kHz
Total time	20.964 μ s	20.959 μ s
Active time	15.973 μ s	15.906 μ s
Blank time	4.992 μ s	5.053 μ s
Border(L / R)	0.000 μ s	0.000 μ s
Data time	15.964 μ s	15.906 μ s
Front porch	0.799 μ s	0.749 μ s
Sync. width	1.697 μ s	1.702 μ s
Back porch	2.496 μ s	2.994 μ s
Sync. polarity	Negative	Positive
VERTICAL		
Frequency	60.000Hz	60.015Hz
Total time	16.667ms	16.662 ms
Active time	16.101ms	16.097ms
Blank time	0.566ms	0.566 ms
Border(T / B)	0.000ms	0.000 ms
Data time	16.101ms	16.097ms
Front porch	20.964ms	0.063 ms
Sync. width	62.893ms	0.105 ms
Back porch	482.180	0.377ms
Sync polarity	Positive	Positive
Dot Clock	80.136MHz	85.500MHz
Sync. Type	Separate	Separate
Scan Type	N/I	N/I



2-6-1 Supported Modes (1)

Timing No.	2	3	11	17
Originator	IBM	IBM	VESA	VESA
Mode Name	VGA2	VGA3	640/72Hz	640/75Hz
Resolution (HxV)	720x400	640x480	640x480	640x480
HORIZONTAL				
Frequency	31.469kHz	31.469kHz	37.861kHz	37.500kHz
Total time	31.777μs	31.778μs	26.413μs	26.667μs
Active time	26.058μs	26.058μs	20.825μs	20.317μs
Blank time	5.720μs	5.720μs	5.588μs	6.350μs
Border(L / R)	0.318μs	0.318μs	0.254μs	0.000μs
Data time	25.422μs	25.422μs	20.317μs	20.317μs
Front porch	0.318μs	0.318μs	0.508μs	0.508μs
Sync. width	3.813μs	3.813μs	1.270μs	2.032μs
Back porch	1.589μs	1.589μs	3.810μs	3.810μs
Sync. polarity	Negative	Negative	Negative	Negative
VERTICAL				
Frequency	70.087Hz	59.940Hz	72.809Hz	75.000Hz
Total time	14.268ms	16.683ms	13.735ms	13.333ms
Active time	13.155ms	15.761ms	13.100ms	12.800ms
Blank time	1.113ms	0.922ms	0.635ms	0.533ms
Border(T / B)	0.222ms	0.254ms	0.211ms	0.000ms
Data time	12.711ms	15.253ms	12.678ms	12.800ms
Front porch	0.191ms	0.064ms	0.026ms	0.027ms
Sync. width	0.064ms	0.064ms	0.079ms	0.080ms
Back porch	0.858ms	0.794ms	0.528ms	0.427ms
Sync polarity	Positive	Negative	Negative	Negative
Dot Clock	28.322MHz	25.175MHz	31.500MHz	31.500MHz
Sync. Type	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I

2 Product Specifications

2-6-1 Supported Modes (2)

Timing No.	13	14	18
Originator	VESA	VESA	VESA
Mode Name	800/60Hz	800/72Hz	800/75Hz
Resolution (HxV)	800x600	800x600	800x600
HORIZONTAL			
Frequency	37.879kHz	48.077kHz	46.875kHz
Total time	26.400μs	20.800μs	21.333μs
Active time	20.000μs	16.000μs	16.162μs
Blank time	6.400μs	4.800μs	5.171μs
Border(L / R)	0.000μs	0.000μs	0.000μs
Data time	20.000μs	16.000μs	16.162μs
Front porch	1.000μs	1.120μs	0.323μs
Sync. width	3.200μs	2.400μs	1.616μs
Back porch	2.200μs	1.280μs	3.232μs
Sync. polarity	Positive	Positive	Positive
VERTICAL			
Frequency	60.317Hz	72.188Hz	75.000Hz
Total time	16.579ms	13.853ms	13.333ms
Active time	15.840ms	12.480ms	12.800ms
Blank time	0.739ms	1.373ms	0.533ms
Border(T / B)	0.000ms	0.000ms	0.000ms
Data time	15.840ms	12.480ms	12.800ms
Front porch	0.026ms	0.770ms	0.021ms
Sync. width	0.106ms	0.125ms	0.064ms
Back porch	0.607ms	0.478ms	0.448ms
Sync polarity	Positive	Positive	Positive
Dot Clock	40.000MHz	50.000MHz	49.500MHz
Sync. Type	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I

2-6-1 Supported Modes (3)

Timing No.	15	16	19	
Originator	VESA	VESA	VESA	VESA
Mode Name	1024/60Hz	1024/70Hz	1024/75Hz	1360/60Hz
Resolution (HxV)	1024x768	1024x768	1024x768	1360x768
HORIZONTAL				
Frequency	48.363kHz	56.476kHz	60.023kHz	47.712kHz
Total time	20.677μs	17.707μs	16.660μs	20.959μs
Active time	15.754μs	13.653μs	13.003μs	15.906μs
Blank time	4.923 μs	4.053 μs	3.777 μs	5.053 μs
Border(L / R)	0.000 μs	0.000 μs	0.000 μs	0.000 μs
Data time	15.754μs	13.653μs	13.003μs	15.906μs
Front porch	0.369 μs	0.320 μs	0.323 μs	0.749 μs
Sync. width	2.092 μs	1.813 μs	1.219 μs	1.702 μs
Back porch	2.462 μs	1.920 μs	2.235 μs	2.994 μs
Sync. polarity	Negative	Negative	Positive	Positive
VERTICAL				
Frequency	60.004Hz	70.069Hz	75.029Hz	60.015Hz
Total time	16.666ms	14.272ms	13.328ms	16.662ms
Active time	15.880ms	13.599ms	12.795ms	16.097ms
Blank time	0.786ms	0.672ms	0.533ms	0.566ms
Border(T / B)	0.000ms	0.000ms	0.000ms	0.000ms
Data time	15.880ms	13.599ms	12.795ms	16.097ms
Front porch	0.062ms	0.053ms	0.017ms	0.063ms
Sync. width	0.124ms	0.106ms	0.050ms	0.105ms
Back porch	0.600ms	0.513ms	0.466ms	0.377ms
Sync. polarity	Negative	Negative	Positive	Positive
Dot Clock	65.000MHz	75.000MHz	78.750MHz	85.500MHz
Sync. Type	Separate	Separate	Separate	Separate
Scan Type	N/I	N/I	N/I	N/I

Memo

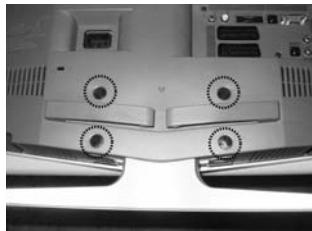
3 Disassembly and Reassembly

This section of the service manual describes the disassembly and reassembly procedures for the LE23A41B/LE26A41B/LE32A41B LCD TV.

⚠ WARNING: This monitor contains electrostatically sensitive devices. Use caution when handling these components.

3-1 LE23R51B Disassembly

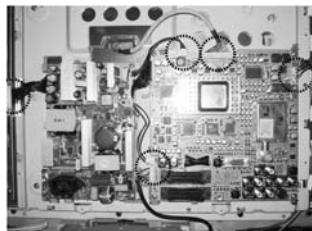
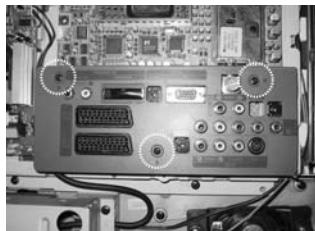
⚠ Cautions: 1. Disconnect the monitor from the power source before disassembly.



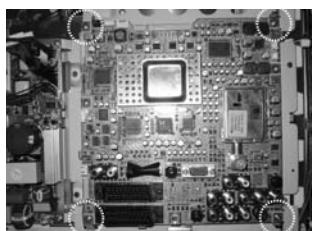
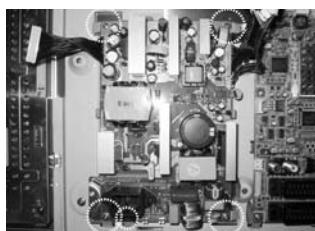
1. Place LCD TV face down on cushioned table. Remove 9 screws from the rear cover. Remove 4 screws from grip on the stand. and remove the stand.



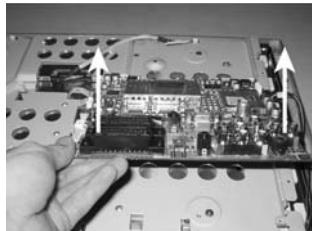
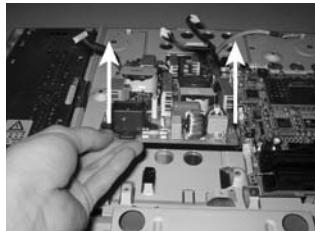
2. Remove the stand and lift up the rear cover.



3. Remove 3 screws and lift up the jack cover. Disconnect speaker cable, function cable from the board.

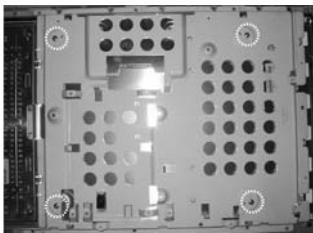
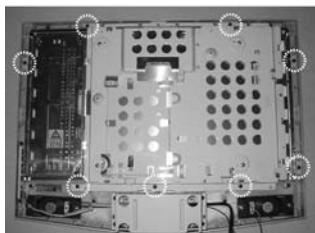


4. Remove 9 screws from the boards.



5. Lift up the Power board and Main board.

3 Disassembly and Reassembly



6. Remove 9 screws and Lift up the shield panel and remove 4 screws.



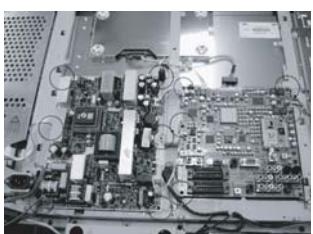
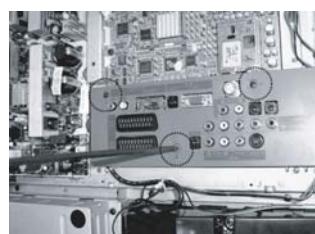
7. Lift up the shield cover and LCD panel.



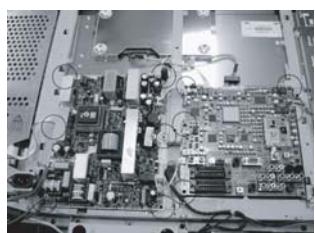
3-2 LE26R51B, LE32R51B Disassembly



1. Place LCD TV face down on cushioned table. Remove 14 screws from the rear cover. Lift up the rear cover.



2. Remove 3 screws from the Jack cover. Remove 12 screws from The board.



3 Disassembly and Reassembly



4. Remove 11 screws from the shield and lift up the shield.



5. Remove 5 screws (Left :2/Right :3)

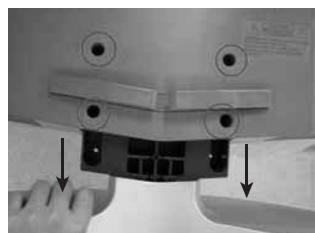


6. Lift up the BRKT.

3-3 LE40R51B Disassembly

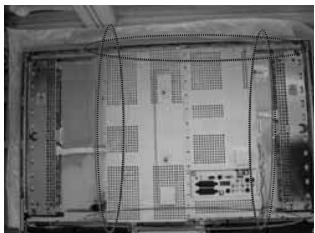
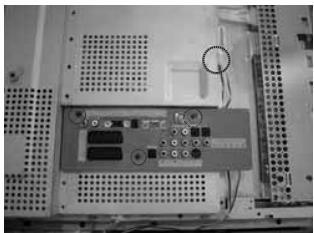


1. Remove 8 screws from rearcover.
Remove 4 screws from grip on the stand.

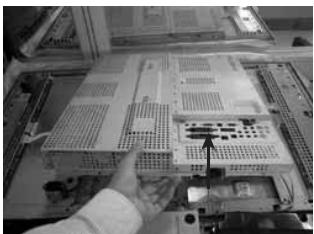


2. Remove the stand and lift up the rear cover

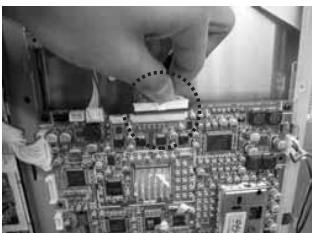
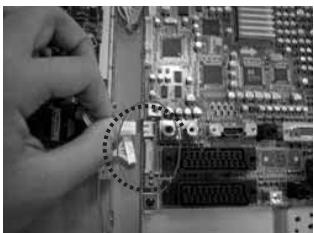
3 Disassembly and Reassembly



3. Disconnect speaker cable, function cable and Remove screws from the shield.



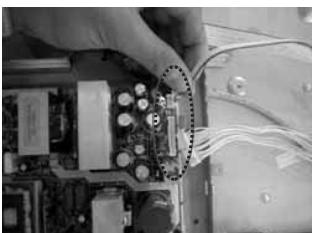
4. Disconnect Power Cables, LVDS Cable from the power board.



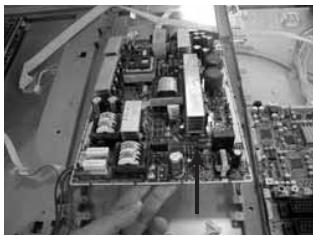
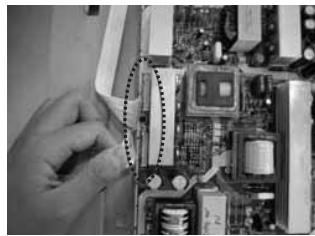
5. Remove 4screws from the Main board and lift up the board.



6. Remove 4 screws from the power board. Disconnect Cables.



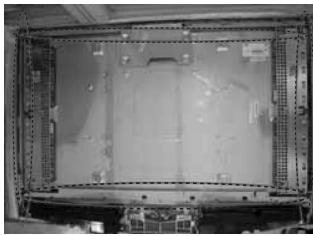
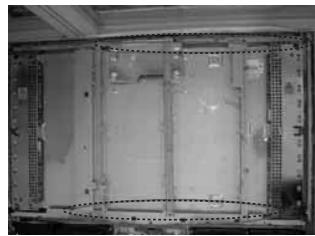
3 Disassembly and Reassembly



7. Disconnect inverter cable.
Lift up the power board.



8. Remove screws.



9. Remove screws from the panel BRKT. Remove screws from the cabinet BRKT and lift up the panel Assy.



10. Lift up the panel, Remove screws from the panel BRKT(R/L).
Disconnect BRKT from the panel.



3-4 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

4 Alignments and Adjustments

4-1 General Alignment Instuction

1. Usually, a color TV-VCR needs only slight touch-up adjustment upon installation.
Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure that the power cord is disconnected before replacing any parts.
7. To protect aganist shock hazard, use an isolation transform.

4 Alignments and Adjustments

4-2 Factory Mode Adjustments

4-2-1 Entering Factory Mode

1. To enter “ Service Mode” Press the remote -control keys in this sequence :

- If you do not have Factory remote - control



- If you have Factory remote - control

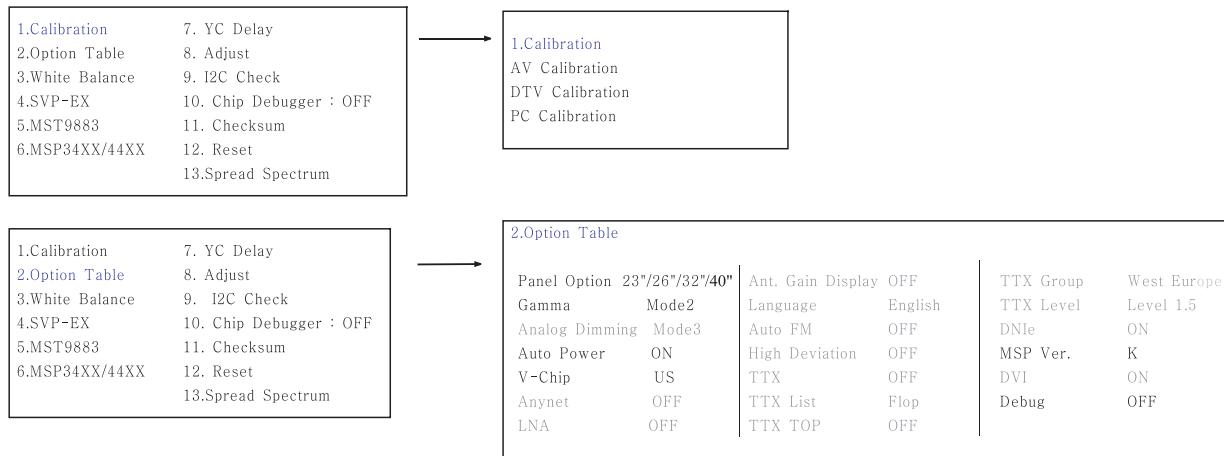


- The buttons are active in the service mode.

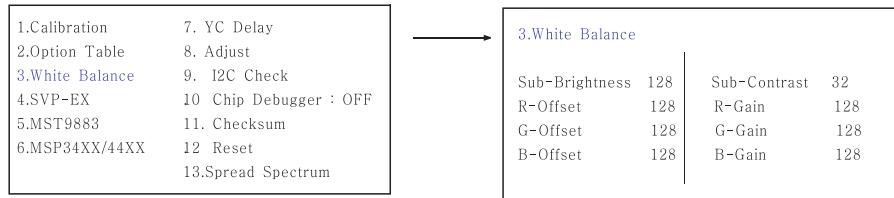
1. Remote - Control Key : Power, Arrow Up, Arrow Down, Arrow Left
Arrow Right, Menu, Enter, Number Key(0~ 9)

2. Function - Control Key : Power, CH +, CH -, VOL +, VOL -,
Menu, TV/VIDEO(Enter)

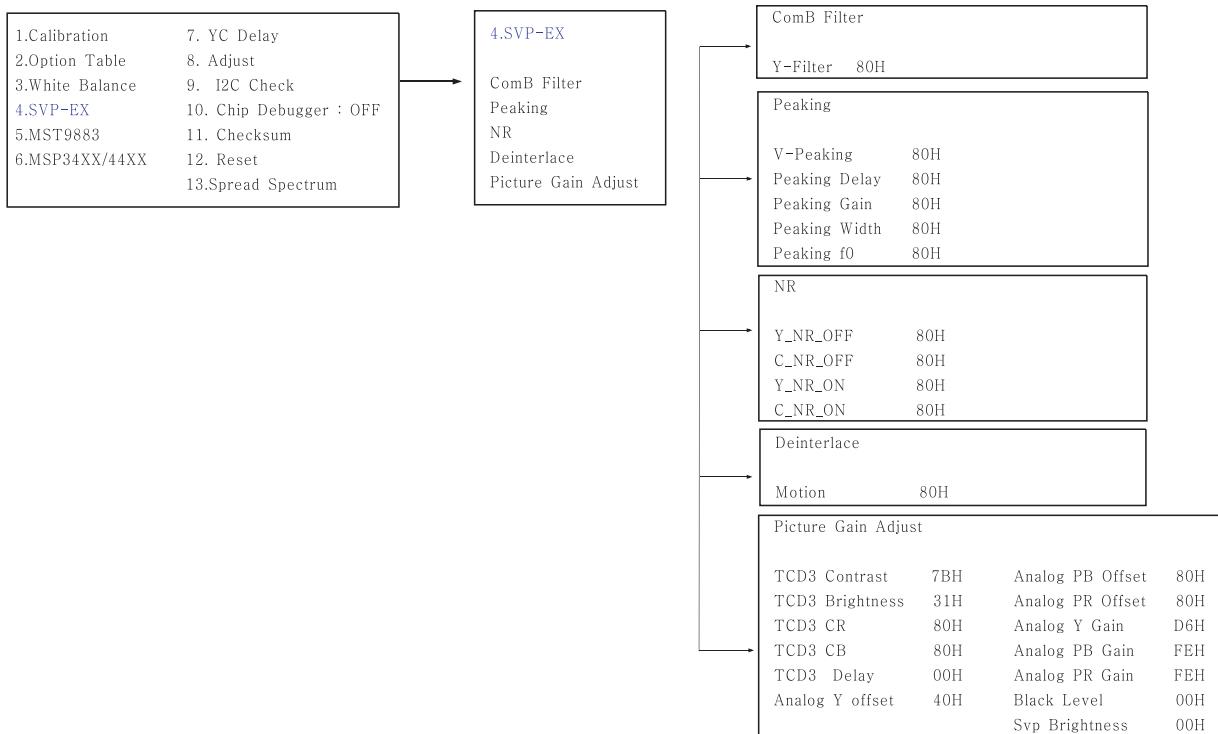
4-2-2 Factory Mode Tree



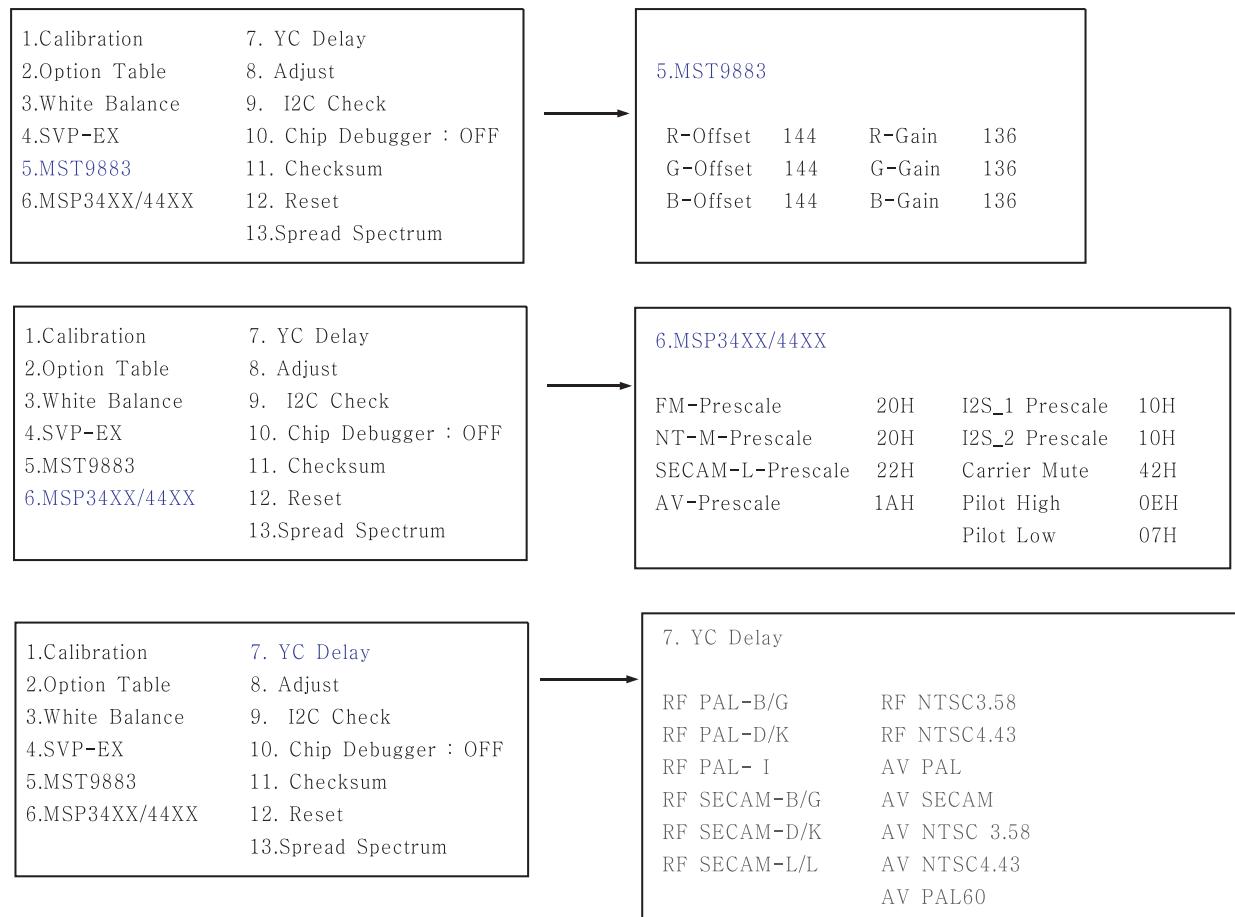
* Please set up for an appropriate INCH.



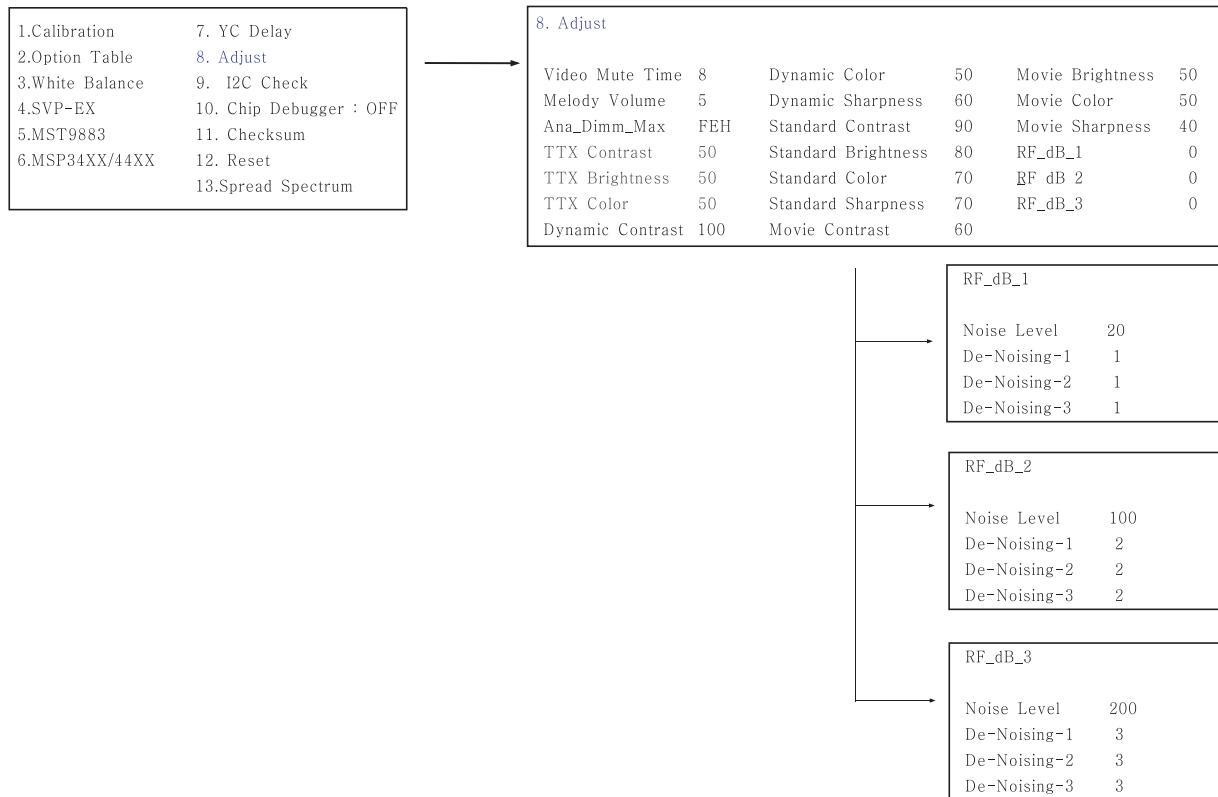
4 Alignments and Adjustments



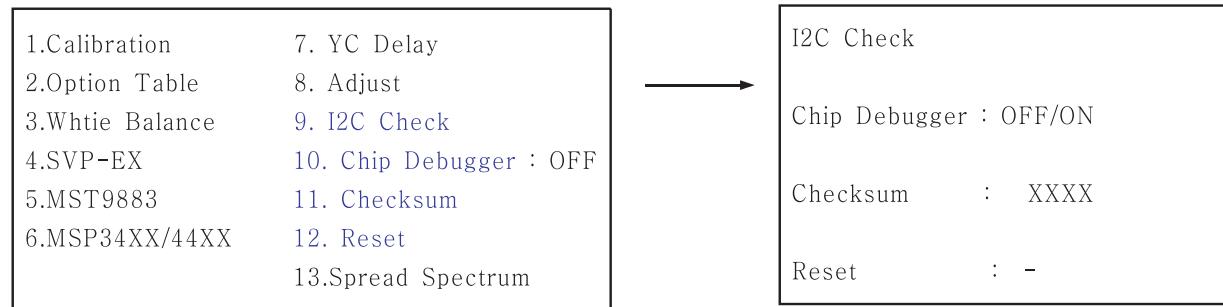
4 Alignments and Adjustments



4 Alignments and Adjustments



4 Alignments and Adjustments



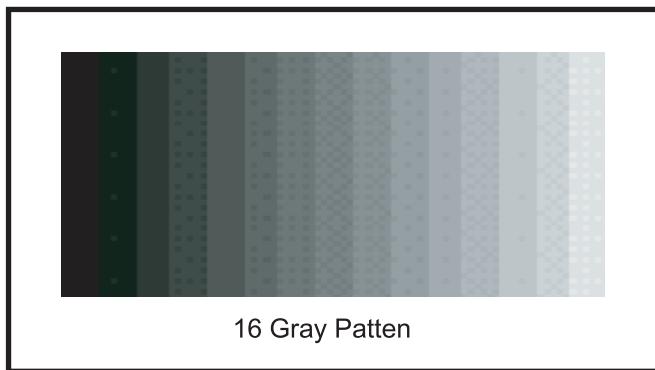
4-3-1 White Balance - Calibration

If picture color is wrong, do calibration first

Equipment : CA210, Pattern : 16 gray

Execute calibration in Factory Mode

Source AV : PAL composite, Component : 1280*720/60Hz
PC : 1024*768/60Hz



4-3-2 White Balance - Adjustment

If picture color is wrong, check White Balance condition

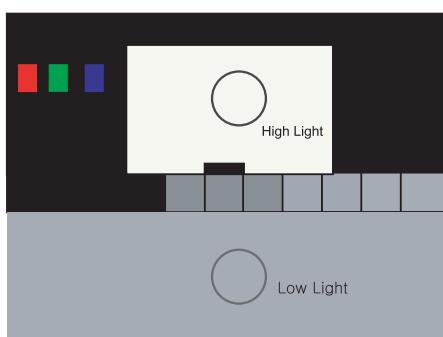
Equipment : CA210, Pattern : Toshiba

Adjust W/B in Factory Mode

Sub brightness and R/G/B Offset controls low light region

Sub contrast and R/G/B Gain controls high light region

Source AV : PAL composite, Component : 1280*720/60Hz
HDMI[DVI] : 1280*720/60Hz



[Test Pattern : MSPG-945 Series **Pattern #16**]

*Color temperature
1500K +/-500, -6 ~-20 MPCD

*Color coordinate
H/L : 267/263 +/- 2 35.0 Ft +/- 2.0Ft
L/L : 270/260 +/- 3 1.5 Ft +/- 0.2Ft

4 Alignments and Adjustments

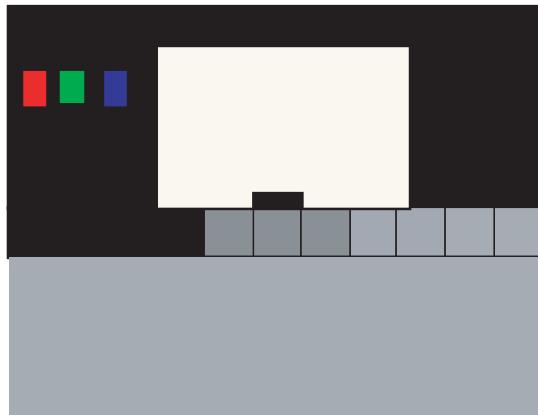
4-3-3 Conditions for Measurement

1. On the basis of toshiba ABL pattern : High Light level (57 IRE)
 - INPUT SIGNAL GENERATOR : MSPG-925LTH
 - * Mode NO 1 : 744X484@60 Hz
 - NO 6 : 1280X720@60 Hz
 - NO 21 : 1024X768@60 Hz
 - * Pattern NO 36 : 16 Color Pattern
 - NO 16 : Toshiba ABL Pattern
2. Optical measuring device : CA210 (FL)
Please use the MSPG-925 LTH generator for model LT26A33W.

4-3-4 Method of Adjustment

1. Adjust the basic level of DTV and PC input signals.
 - a) Set the input to the mode in which the adjustment will be made (DTV → PC).
 - * Input signal - DTV Mode : Model #6 (1280* 720 Mode), Pattern # 36
 - PC Mode : Model # 21 (1024* 768 Mode), Pattern # 16 (Picture 4-1)
 - b) Enter factory Calibration, confirm the ADC data (DTV, PC Mode Only).
 - * ADC default value : Table 4-3.

Picture 4-1 Toshiba ABL Pattern

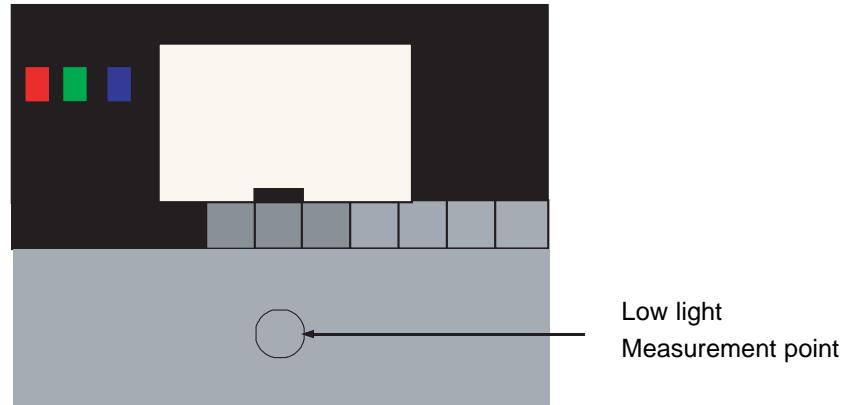


2. Adjust the white balance of RF, DTV, PC and DVI Modes.
 - a) Set the input to the mode in which the adjustment will be made(RF → DTV → PC → DVI).
 - * Input signal - VIDEO Mode : Model # 1 (744* 484 Mode), Pattern # 16
 - DTV,DVI Mode : Model # 6 (1280* 720 Mode), Pattern # 16
 - PC Mode : Model # 21 (1024* 768 Mode), Pattern # 16
 - b) Enter factory color control, confirm the data.

c) Adjust the low light. (Refer to table 1, 2 in adjustment position by mode)

- Adjust sub - Brightness to set the ' Y' value.
- Adjust red offset (' x') and blue offset (' y') to the color coordinates.
- * Do not adjust green offset data.

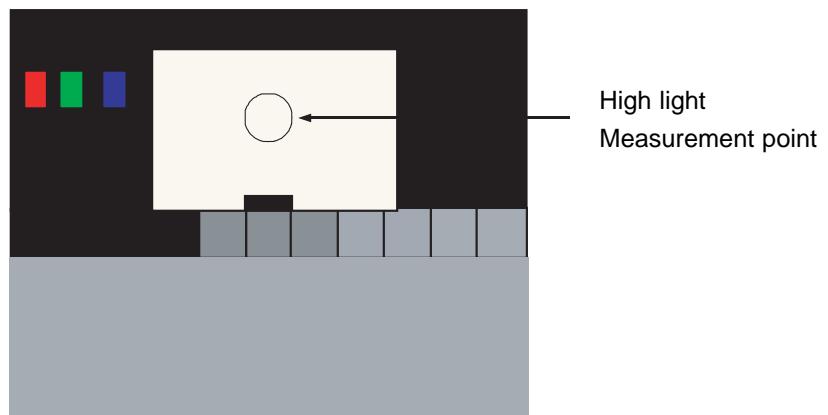
Picture 4-2 Toshiba ABL Pattern



d) Adjust the high light. (Refer to table 1, 2 in adjustment position by mode)

- Adjust red gain (' x') and blue gain (' y') to the color coordinates.
- * Do not adjust the green gain and sub-contrast (Y) data.

Picture 4-3 Toshiba ABL Pattern



4 Alignments and Adjustments

4-4 Flash ROM Update

1. Install the Flash Downloader

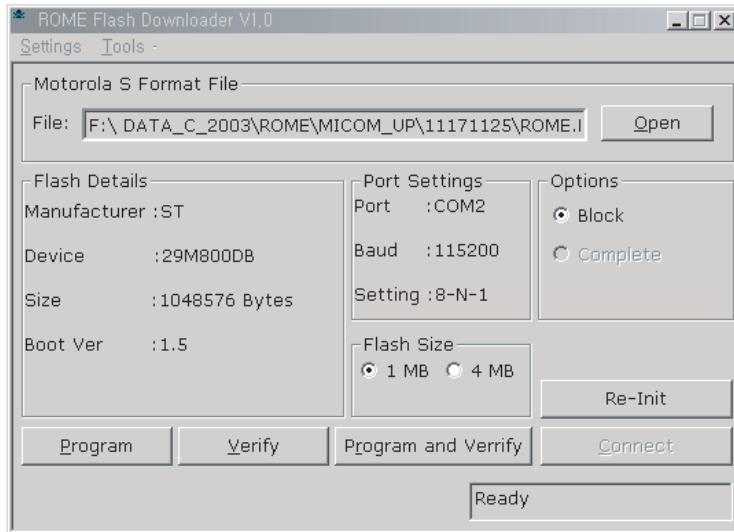
Connect Set (Service Jack) and Jig Cable to execute Program Update.



2. Flash Downloader program update

-Before Turning on the set, Click " connect" which is under of OSD Screen!

-Turn on the Set.



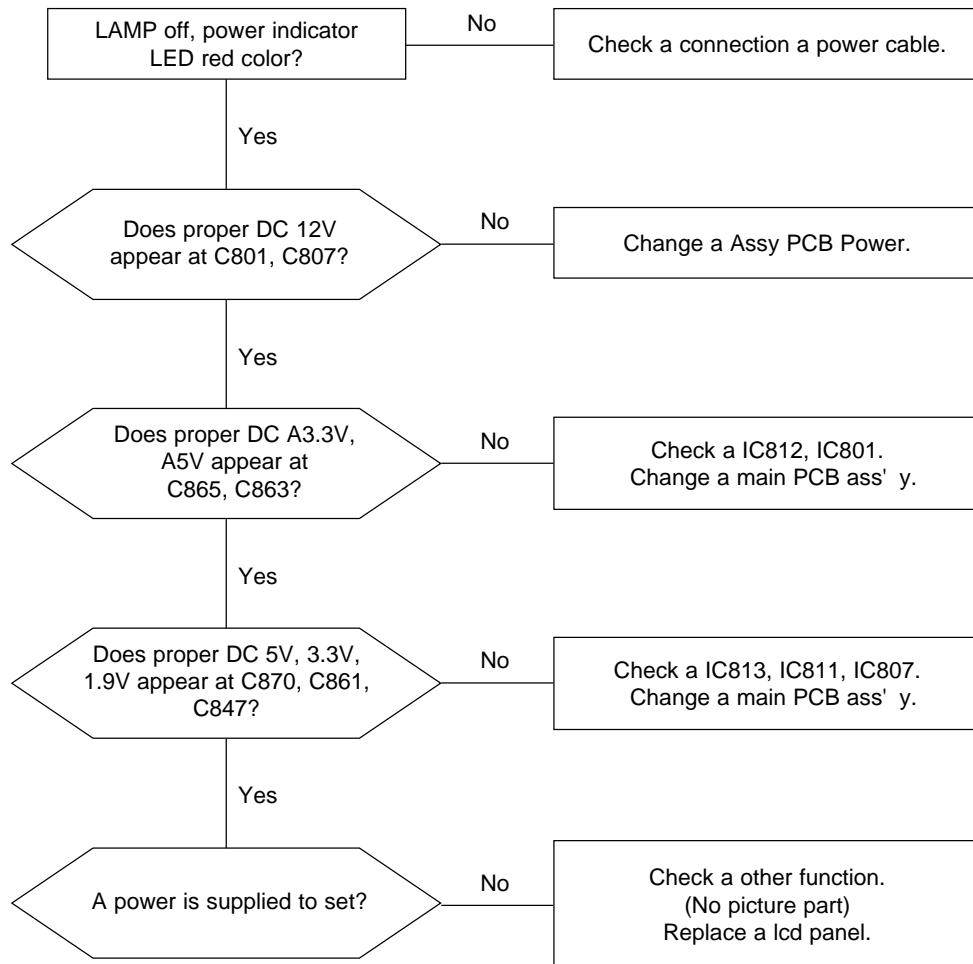
3. Open the New Update File and Click the Program and Verify.

4. Program update sledging is marked sequentially on OSD screen.

5. After program update completion, message should be pop up.

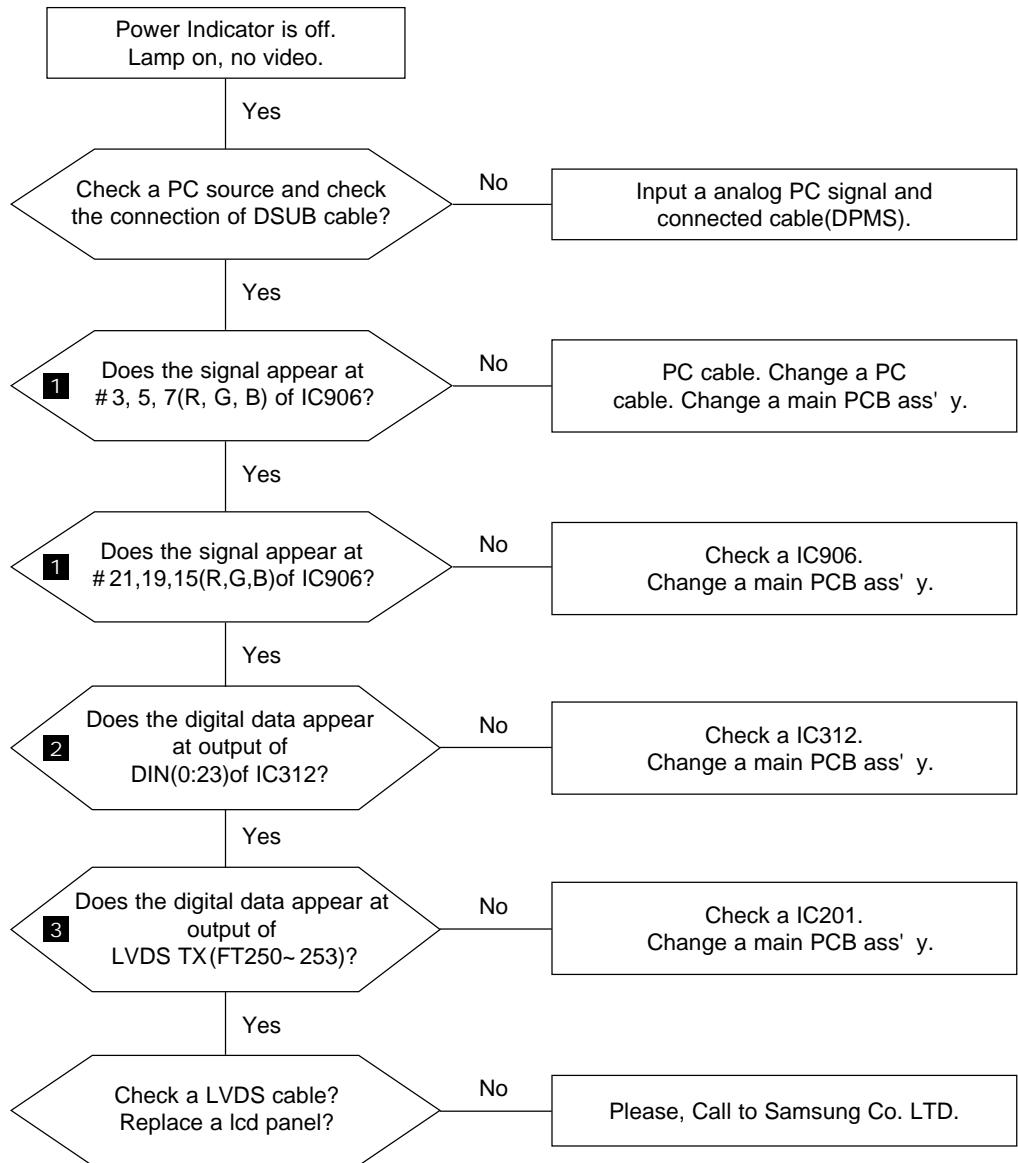
5 Troubleshooting

5-1 No Power



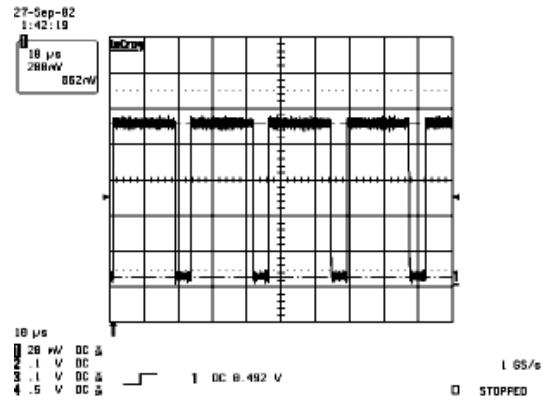
5 Troubleshooting

5-2 No Video (Analog PC Signal)

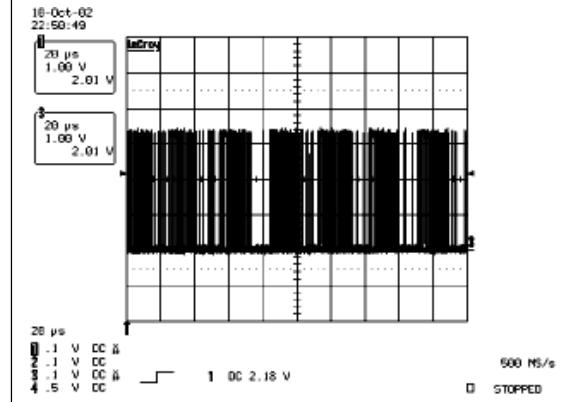


WAVEFORMS

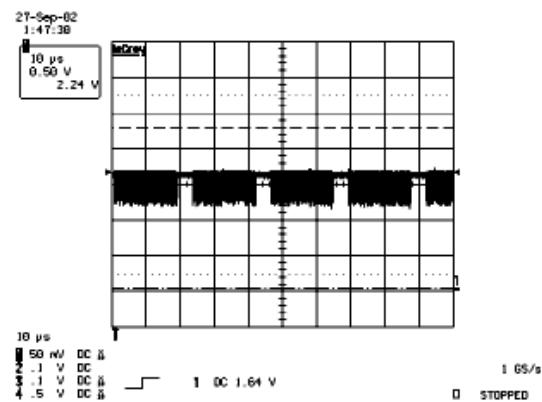
1 R,G,B Output Signal of IC906



2 R,G,B Output Signal of IC312

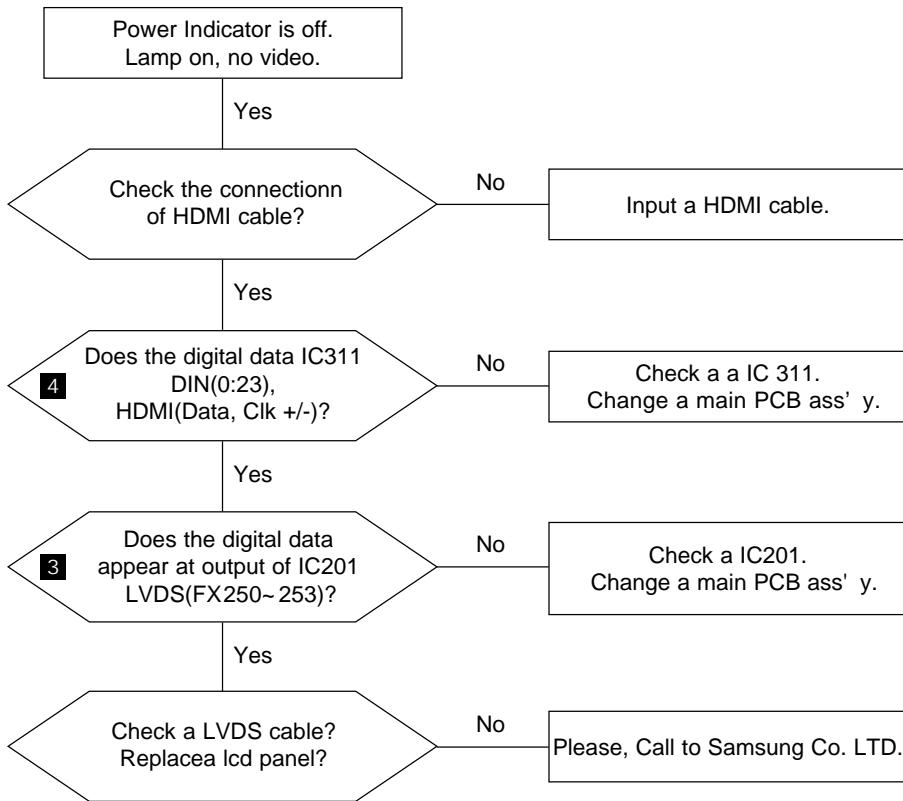


3 Digital Output Data of IC201



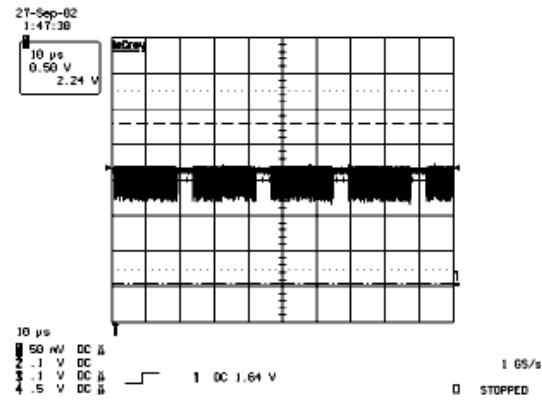
5 Troubleshooting

5-3 No Video (HDMI-Digital Signal)_EXECT 23'

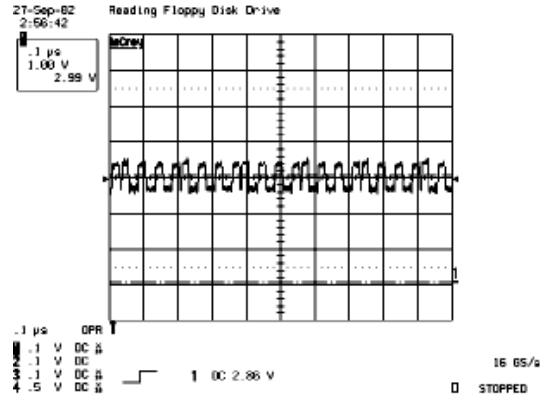


WAVEFORMS

3 Digital Output Data of IC201

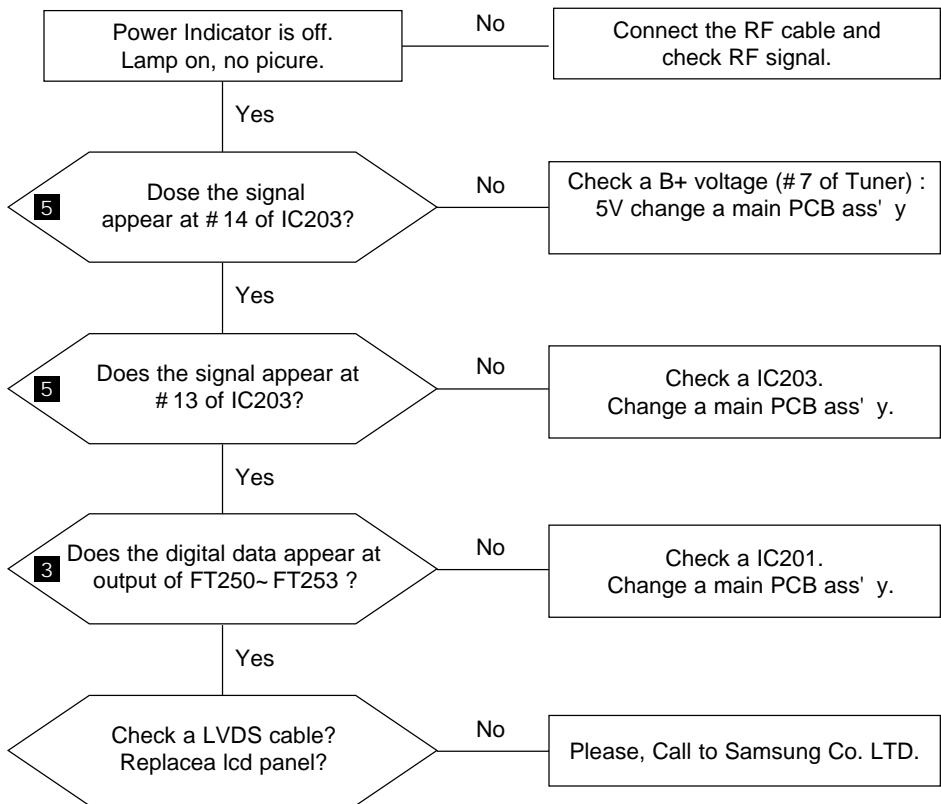


4 Signal of HDMI(Data)



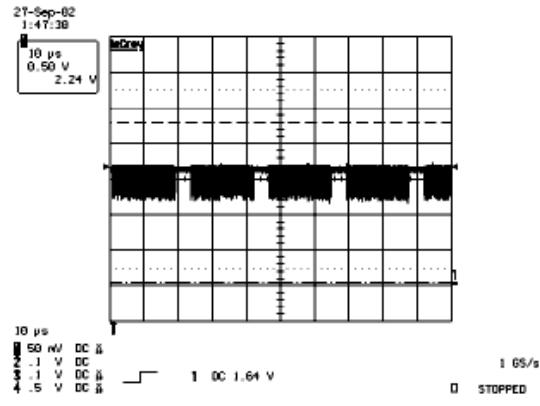
5 Troubleshooting

5-4 No Picture (Tuner_CVBS)

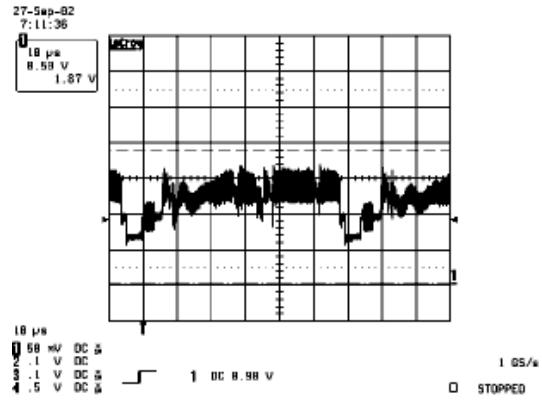


WAVEFORMS

3 Digital Output Data of IC201

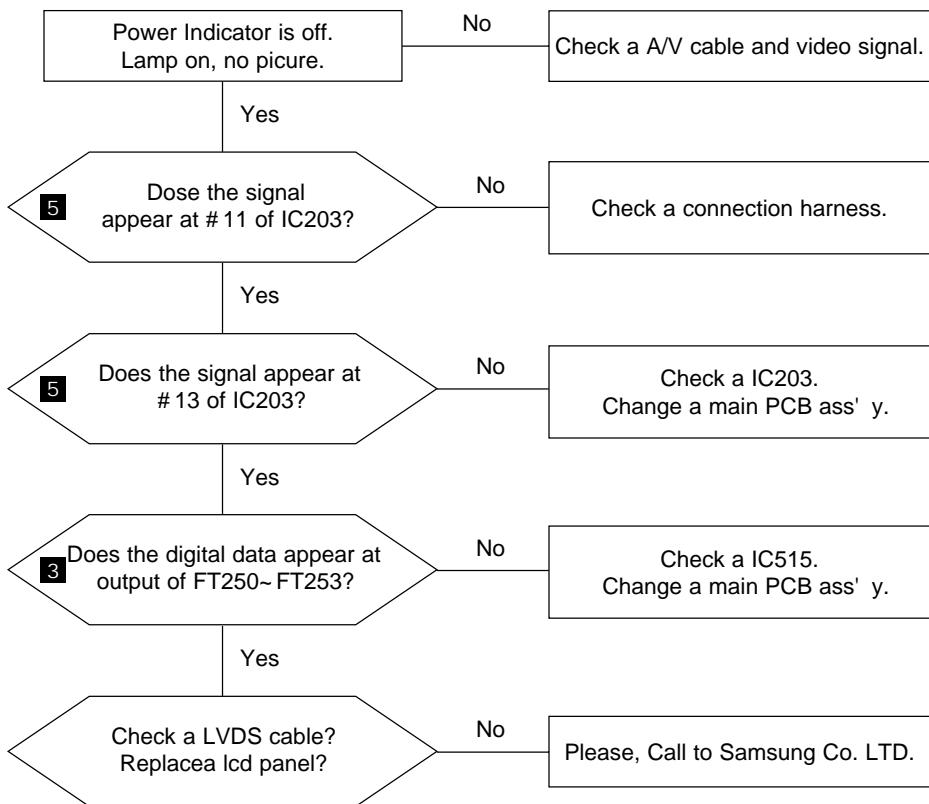


5 Tuner_CVBS Output Signal



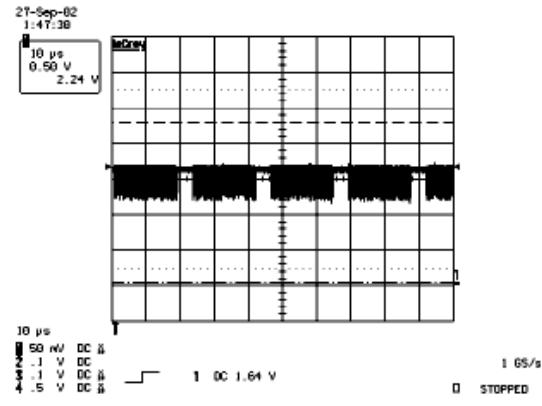
5 Troubleshooting

5-5 No Picture (Video_CVBS)

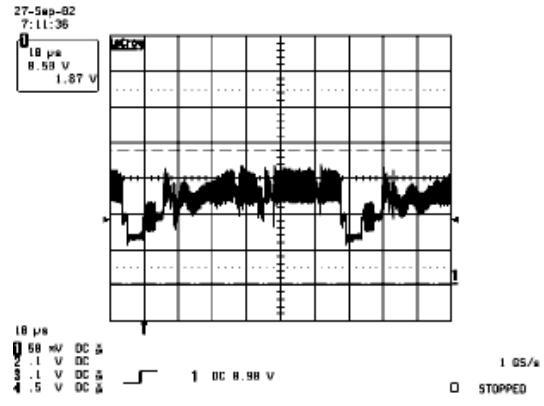


WAVEFORMS

3 Digital Output Data of IC515

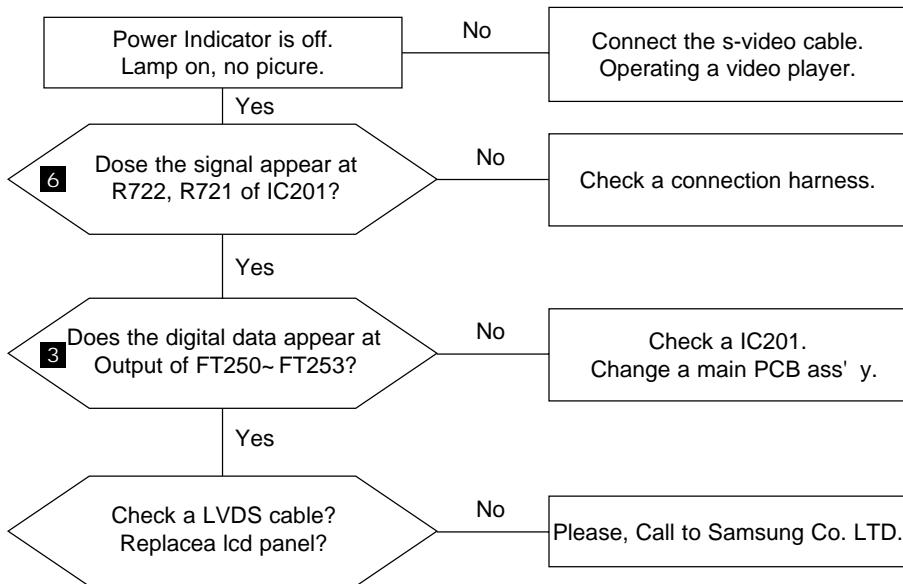


5 Tuner_CVBS Output Signal



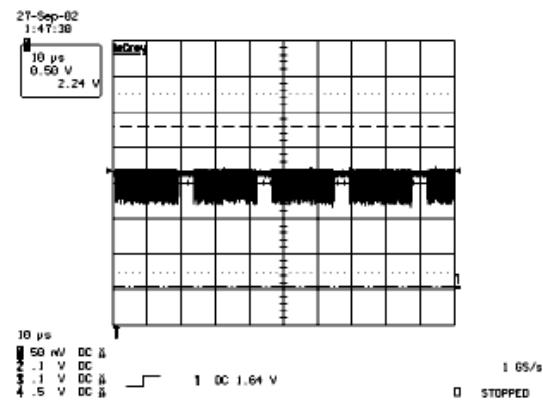
5 Troubleshooting

5-6 No Picture (S-VIDEO_Y,C)

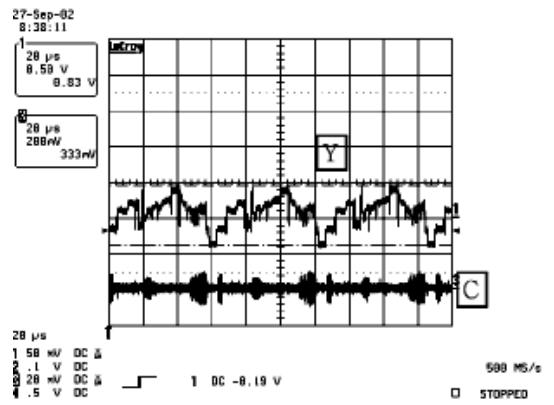


WAVEFORMS

3 Digital Output Data of IC201

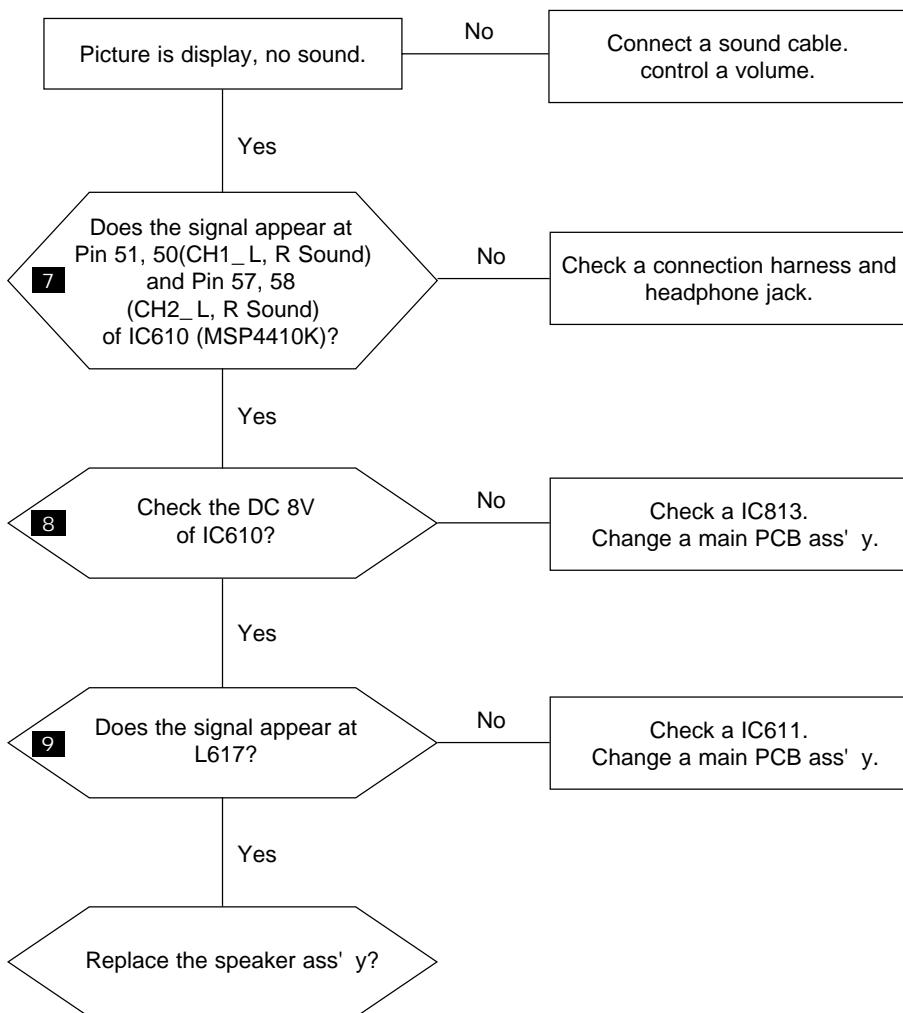


6 Analog Signal(Y,C) to IC201



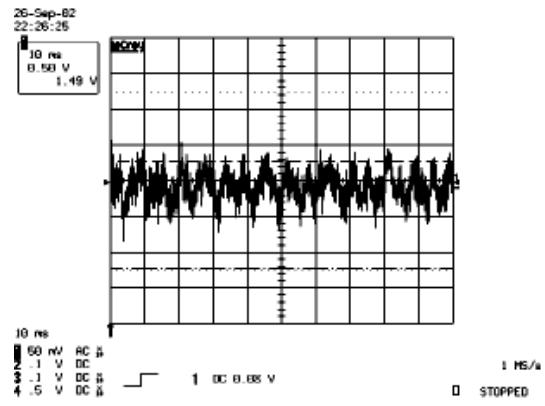
5 Troubleshooting

5-7 No Sound

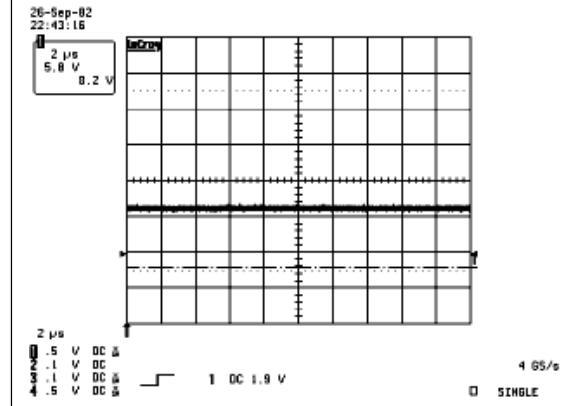


WAVEFORMS

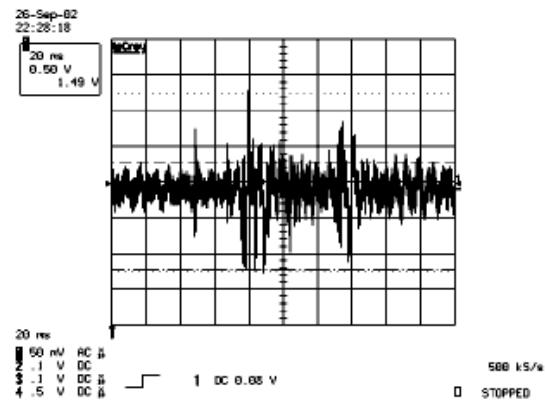
7 The Signal are Inputed to IC610



8 DC +8V



9 Output WaveForm



Memo

7 Electrical Parts List

-You can search for updated part codes through ITSELF web site.

URL : <http://itself.sec.samsung.co.kr/>

7-1 LE23R51B Main PCB Parts

Level	Loc. No.	Code No.	Description	Specification	Remarks
.1	SPZ-LE23R51BX/XE0		1	LTA230W1-L02	-
....3	BN94-00629S		ASSY PCB MAIN	NEW	SNA
....4	0204-002420	CIS3	SOLVENT	1M-1000,C3H7OH,96,-,DF-201TVS,MIX,0.820,FLUX 13% 14KG,-	SNA
....4	0204-002426	CIS4	FLUX	DF-201TVS,MIX,0.820,FLUX 13% 14KG,-	SNA
....4	3701-001294	J A751	CONNECTOR-DSUB	15P,3R,FEMALE,STRAIGHT,AUF	SA
....4	3705-001331	J A901	CONNECTOR-COAXIAL	PAL,ADAPTOR(J/J),-75ohm,-	SA
....4	3711-000024	CN914	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
....4	3711-000057	CN802	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,ANGLE,SN	SA
....4	3711-002642	TEST1	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	SA
....4	3711-004068	CN815	CONNECTOR-HEADER	BOX,5P,1R,2mm,ANGLE,SN,WHT	SA
....4	3711-004122	CN801	CONNECTOR-HEADER	BOX,14P,1R,2mm,STRAIGHT,SN	SA
....4	3711-004484	TEST4	CONNECTOR-HEADER	BOX,5P,1R,2mm,STRAIGHT,SN	SA
....4	3722-000498	J A721_EU	J ACK-SCART	21P,-,SN,BLK,NO	SA
....4	3722-000498	J A722_EU	J ACK-SCART	21P,-,SN,BLK,NO	SA
....4	3722-001061	J A752	J ACK-PHONE	1P,3.6PI,AG,BLK,N	SA
....4	3722-001061	J A782	J ACK-PHONE	1P,3.6PI,AG,BLK,N	SA
....4	3722-001061	J A785	J ACK-PHONE	1P,3.6PI,AG,BLK,N	SA
....4	3722-001734	J A771	J ACK-VHS	4P,-,SN,BLK,-	SA
....4	3722-001903	J A714_EU	J ACK-PIN	2P,-,AU,WHT/RED,-	SA
....4	3722-001903	J A784	J ACK-PIN	2P,-,AU,WHT/RED,-	SA
....4	3722-001938	J A715_EU	J ACK-PIN	3P,-,AU,GRN/BLU/RED,-	SA
....4	3722-002063	J A761	J ACK-PIN	3P,AU,YEL/WHT/RED,STRAIGHT	SA
....4	BN40-00051A	TU110	TUNER	TMQZ6-404C,PDP-NELSON,PAL,B/G,PAL HYPER,38.9MHz,2.5V,75 OHM,75 OHM,PHONE,ASYMM,5	SA
....4	BN41-00545C	MP1.2	PCB MAIN	ROME,4,MP1.2,1.6,195° 200,1	SNA
....4	BN61-01521A	X701	SUPPORT-PCB	ROME,SPTE,T0.5,L11.0	SNA
....4	BN61-01521A	X702	SUPPORT-PCB	ROME,SPTE,T0.5,L11.0	SNA
....4	BN61-01521A	X703	SUPPORT-PCB	ROME,SPTE,T0.5,L11.0	SNA
....4	BN63-01847A	CIS7	SHIELD-COVER	ROME,SECC,T0.3,49.5,79.5,HEIGHT 15	SNA
....4	BN97-00513B		ASSY SMD	ROME*	SNA
....5	0401-001056	D101	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D709_EU	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D7102	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D7103	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D7104	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D7105	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D710_EU	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D7113	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D7114	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D711_EU	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D712_EU	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D719	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D722	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D741	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D742	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D950	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D951	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D952	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D953	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D954	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D955	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D956	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0401-001056	D957	DIODE-SWITCHING	MMBD4148SE,100V,200MA,SOT-23,TP	SA
....5	0402-000553	D812	DIODE-RECTIFIER	SS24,40V,2.0A,DO-214AA	SA
....5	0403-000258	D617	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
....5	0403-000258	D620	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
....5	0403-000258	D621	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
....5	0403-000258	D901	DIODE-ZENER	BZX84C5V6,5.2-6V,225MW,SOT-23,TP	SA
....5	0403-000579	D726_EU	DIODE-ZENER	BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP	SA
....5	0403-000579	D727_EU	DIODE-ZENER	BZX84C5V1,4.8-5.4V,200MW,SOT-23,TP	SA
....5	0403-000620	D210	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA
....5	0403-000620	D211	DIODE-ZENER	RLZ5.6B,5.45-5.73V,500MW,LL-34,TP	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	0403-001052	D767	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D772	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D773	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D774	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D775	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D776	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D777	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D778	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D779	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D780	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D781	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D782	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D958	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D959	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D960	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D982_DE	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001052	D983_DE	DIODE-ZENER	RD8.2MB,7.7-8.7V,200MW,SOT-23,TP	SA
.....5	0403-001425	D102	DIODE-ZENER	BZX84C33.31-35V,350MW,SOT-23,TP	SA
.....5	0406-001172	D7302	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
.....5	0406-001172	D7303	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
.....5	0406-001172	D7304	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
.....5	0406-001172	D7305	DIODE-TVS	CDS3C30GTH,48V,0W,SMD	SA
.....5	0407-000123	D622	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
.....5	0407-000123	D911	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
.....5	0407-000123	D912	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
.....5	0407-000123	D963	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
.....5	0407-000123	D964	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
.....5	0407-000123	D976	DIODE-ARRAY	DAN202K,80V,100MA,CA2-3,SOT-23,TP	SA
.....5	0501-000280	Q1211_EU	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
.....5	0501-000280	Q214_EU	TR-SMALL SIGNAL	KSA1182,PNP,150mW,SOT-23,TP,70	SA
.....5	0501-000342	Q100	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q211	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q221	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q3004_EU	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q608	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q611	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q612	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q615	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q630	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q631	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q632	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q633	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q634	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q635	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q912_EU	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q918	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q930	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q931	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q952	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-000342	Q970	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,135-270	SA
.....5	0501-002080	Q1210_EU	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q1212_EU	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q212_EU	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q213_EU	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q215	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q216	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q610	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q620	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q801	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q802	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q803	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q910	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0501-002080	Q911	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SC-59,TP,120-270	SA
.....5	0801-002267	IC3010_EU	IC-CMOS LOGIC	74LCX14-,SOIC,14P,150MIL,-TP,-,-,3.6V,-40TO+85C,-5.5V,-,-,24MA	SA
.....5	0801-002267	IC904	IC-CMOS LOGIC	74LCX14-,SOIC,14P,150MIL,-TP,-,-,3.6V,-40TO+85C,-5.5V,-,-,24MA	SA
.....5	0801-002633	IC313	IC-CMOS LOGIC	NC7WBD3125.2BIT BUS SWITCH,SOIC,8P,90MIL,DOUBLE,TP,PLASTIC,TTL,-0V,-40TO+85C,25	SA
.....5	0903-001362	IC901	IC-MICROCOMPUTER	M30620SPGP,16BIT,LOFP,100P,14.0X14.0,24MHZ,TP,-,-,5V,300,-20TO+85C,10KB,19BIT,	SNA
.....5	1001-000164	IC605	IC-ANALOG MULTIPLEX	74HC4052,CMOS,SOP,16P,150MIL,S	SA
.....5	1001-001082	IC906_EU	IC-VIDEO SWITCH	BA7657F,-,SOP,24P,300MIL,SINGL	SA
.....5	1001-001109	IC909_EU	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-4.0OHM,5.	SA
.....5	1001-001109	IC913	IC-ANALOG SWITCH	FST3125M,BUS SWITCH & CMOS,SOIC,17P,150MIL,QUAD,7V,-40TO+85C,PLASTIC,-4.0OHM,5.	SA
.....5	1001-001211	IC203	IC-ANALOG MULTIPLEX	MM74HC4052MTC,DUALMUX/4-CHANNEL,TSSOP,16P,173MIL,DUAL,4-CHANNEL,6V,-40TO+85C,PLA	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	1002-001398	IC312	IC-A/D CONVERTER	MST9883CR-110.24Bit(8x3),LQFP,80P,14x14mm,+0.5/LSB,TR.,PLASTIC,3.3V,-20to+80C,	SA
.....5	1006-001076	IC931	IC-DRIVER/RECEIVER	MAX232ECWE+T,SOP,16P,300MIL,DUAL,ST,PLASTIC,6V,0to+70C,762mW,2,-2.0/3.5V,-	SA
.....5	1103-000129	IC710	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
.....5	1103-000129	IC712	IC-EEPROM	24C02,256x8,SOP,8P,5x4mm,4.5/5.5V,0to+70C	SA
.....5	1103-001279	IC910	IC-EEPROM	24C32,4Kx8,SOP,8P,5x4mm,2.5/5.5V,0to+85C	SA
.....5	1105-001538	IC202	IC-DRAM	K4D263238E-GC36,4x1Mx32Bit,FBGA,144P,12x12mm,3.6nS,2.5V,5%,,-55to+150C,770mA,,-	SNA
.....5	1201-000166	IC204	IC-OP AMP	LM358,SOP,8P,150MIL,DUAL,100V/VM,PLASTIC,32V,500MW,0to+70C,70dB,0.6V/US,5NA,-	SA
.....5	1201-001495	IC615	IC-AUDIO AMP	7050,SOP,8P,150MIL,DUAL,26dB,PLASTIC,6V,0.25W,-40dB,,-,20NA,-	SA
.....5	1201-002119	IC611	IC-AUDIO AMP	TPA3004D2,HTQFP,48P,7x7mm,;PLASTIC,18V,4.3W,40to+85C,;,120mA,;TR	SA
.....5	1203-001109	IC616	IC-VOL. DETECTOR	7045,SOT-89,3P,PLASTIC,4.3/4	SA
.....5	1203-001559	IC905	IC-RESET	DS1834A,SOIC,8P,150MIL,PLASTIC,;,40to+85C,;,TP	SA
.....5	1203-001815	IC803	IC-POSI.FIXED REG.	78M09,TO-252,3P,PLASTIC,8.6/8.4V,1.0W,-40TO+85C,0.5A,;TP	SA
.....5	1203-001816	IC802	IC-POSI.FIXED REG.	78M08,TO-252,3P,PLASTIC,7.7/8.3V,1.0W,-40TO+85C,0.5A,;TP	SA
.....5	1203-001824	IC920	IC-VOL. DETECTOR	7042,SOT-89,3P,PLASTIC,4.05V/4.35V,500MW,-30TO+75C,20MA,;TP	SA
.....5	1203-002708	IC3011	IC-POSI.FIXED REG.	1085,TO-263,3P,340MIL,PLASTIC,3.27/3.33V,,-40TO+125C,3A,;TP	SA
.....5	1203-002842	IC811	IC-POSI.FIXED REG.	AP1117D-33A,TO-252,3P,6.7x5.6MM,PLASTIC,3.235/3.365V,,-0TO+150C,1A,;TP	SA
.....5	1203-002842	IC812	IC-POSI.FIXED REG.	AP1117D-33A,TO-252,3P,6.7x5.6MM,PLASTIC,3.235/3.365V,,-0TO+150C,1A,;TP	SA
.....5	1203-002844	IC814	IC-POSI.FIXED REG.	AP1117D-18A,TO-252-3L3P,6.7x5.6MM,PLASTIC,1.764/1.836V,,-0TO+150C,1A,;TP	SA
.....5	1203-002855	IC801	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPKR,3P,257MIL,PLASTIC,4.95/5.05V,,-40to+150C,800mA,1.235/1.265V	SA
.....5	1203-002855	IC804	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPKR,3P,257MIL,PLASTIC,4.95/5.05V,,-40to+150C,800mA,1.235/1.265V	SA
.....5	1203-002855	IC813	IC-POSI.FIXED REG.	MC33269DTRK-5.0,DPKR,3P,257MIL,PLASTIC,4.95/5.05V,,-40to+150C,800mA,1.235/1.265V	SA
.....5	1203-002974	IC808	IC-POSI.FIXED REG.	AP1117D-25A,TO-252,3P,6.7x5.6mm,PLASTIC,2.45/2.55V,,-0to+150C,1A,;TP	SA
.....5	1203-003059	IC807	IC-SWITCH VOL. REG.	MP1583,SOIC,8P,4.9x3.9mm,PLASTIC,1.22/21V,,-40to+85CC,3A,1.194/1.25V,TP	SA
.....5	1204-002352	IC201	IC-VIDEO PROCESS	SVP-EX52-7052,POFP,28x28mm,PLASTIC,3.45V,,-0to+70C,TR,3D Comb Video Decoder	SA
.....5	1204-002411	IC610	IC-SOUND PROCESSOR	MSP4410K-QA-B3-500,POFP,80P,20x14mm,PLASTIC,8.7V,1W,0to+70C,TR,IC-AUDIO PROCESSO	SA
.....5	1205-002383	IC311	IC-RECEIVER	SI19939CT100,TOQFP,100P,14x14mm,PLASTIC,3.6V,,-0to+70C,TR,IC-RECEIVER	SA
.....5	2007-000043	R229	R-CHIP	1Kohm,1%1/10W,TP,1608	SA
.....5	2007-000043	R230	R-CHIP	1Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R2357	R-CHIP	1Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R919	R-CHIP	1Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R9401	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R9405	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R9407_EU	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R963	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R964	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R965	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R966	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R9661	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000052	R9662	R-CHIP	10Kohm,1%1/10W,TP,1608	SA
.....5	2007-000060	R121	R-CHIP	100Kohm,1%1/10W,TP,1608	SA
.....5	2007-000070	23_	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	EO_	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R2008_OP	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R207	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R214	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R215_OP	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R216	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R221	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R222	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R223	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R226	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R227	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R228	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R236	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R237	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R239	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R240	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R241	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R245	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R247	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R248	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R280	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R281	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R282	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R283	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R3261_EU	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R331	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R332	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R333	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R375	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R378	R-CHIP	0ohm,5%1/10W,TP,1608	SA
.....5	2007-000070	R380_EU	R-CHIP	0ohm,5%1/10W,TP,1608	SA

7 Electrical Parts List

7 Electrical Parts List

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2007-000077	R2358	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R251_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R253_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R254_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R355	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R356	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R357	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R712_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R748_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R750_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R7582	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R7585_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R7588	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R7616_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R7617_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R765	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R766	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R793	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R794	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R9108_EU	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000077	R9663	R-CHIP	470ohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R131_OP	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R211	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R258	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R259	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R323	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R3260_EU	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R615	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R6402	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R6404	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R692	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R696	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R767	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R9104_EU	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R924	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R931	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R9666	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000078	R9667	R-CHIP	1Kohm,5%1/10W,TP,1608	SA
.....5	2007-000079	R204	R-CHIP	1.8Kohm,5%1/10W,TP,1608	SA
.....5	2007-000079	R205	R-CHIP	1.8Kohm,5%1/10W,TP,1608	SA
.....5	2007-000080	R693	R-CHIP	2Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R224	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R242	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R244	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R338	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R925	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R926	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R927	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R928	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R938	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R939	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R945	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R946	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R9671	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000082	R9672	R-CHIP	3.3Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R225	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R2356	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R238	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R256	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R257	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R321	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R336	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R339	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R342	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R343	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R619	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R632	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R657	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R810	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9109_EU	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9118	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9132	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2007-000084	R917	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9187	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9213	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9222	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9224	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9231	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9232	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9234	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9235	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9238	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R929	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9332	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9334_EU	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9335	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9336	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9402	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R942	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R943	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R944	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R9670	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R988	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000084	R989	R-CHIP	4.7Kohm,5%1/10W,TP,1608	SA
.....5	2007-000087	R626_OP	R-CHIP	6.8Kohm,5%1/10W,TP,1608	SA
.....5	2007-000087	R627_OP	R-CHIP	6.8Kohm,5%1/10W,TP,1608	SA
.....5	2007-000087	R714_EU	R-CHIP	6.8Kohm,5%1/10W,TP,1608	SA
.....5	2007-000087	R743_EU	R-CHIP	6.8Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R233	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R620	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R623	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R639	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R641	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R642	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R649	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R690	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R691	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R759	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R760	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R7609	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R7612	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R763	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R802	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R803	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R804	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R805	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R812	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R8877	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R901	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R907_EU	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R913	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R9131	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R9133	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R9135	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R9211	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000090	R957	R-CHIP	10Kohm,5%1/10W,TP,1608	SA
.....5	2007-000091	R679	R-CHIP	12Kohm,5%1/10W,TP,1608	SA
.....5	2007-000091	R860	R-CHIP	12Kohm,5%1/10W,TP,1608	SA
.....5	2007-000093	R621	R-CHIP	20Kohm,5%1/10W,TP,1608	SA
.....5	2007-000093	R622	R-CHIP	20Kohm,5%1/10W,TP,1608	SA
.....5	2007-000094	R191	R-CHIP	22Kohm,5%1/10W,TP,1608	SA
.....5	2007-000094	R9337	R-CHIP	22Kohm,5%1/10W,TP,1608	SA
.....5	2007-000096	R1270_EU	R-CHIP	30Kohm,5%1/10W,TP,1608	SA
.....5	2007-000096	R249_EU	R-CHIP	30Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R110	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R111	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R633	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R634	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R635	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R638	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R795	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R796	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R797	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000097	R798	R-CHIP	47Kohm,5%1/10W,TP,1608	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2007-000097	R9114	R-CHIP	47Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R601	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R602	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R603	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R604	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R605	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R606	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R607	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R608	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R609	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R610	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R611	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R612	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R670	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R671	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R672	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000100	R673	R-CHIP	68Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R175	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R310_EU	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R636	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R637	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R801	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R806	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R861	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000102	R9675	R-CHIP	100Kohm,5%1/10W,TP,1608	SA
.....5	2007-000103	R653	R-CHIP	120Kohm,5%1/10W,TP,1608	SA
.....5	2007-000106	R105	R-CHIP	220Kohm,5%1/10W,TP,1608	SA
.....5	2007-000106	R120	R-CHIP	220Kohm,5%1/10W,TP,1608	SA
.....5	2007-000120	R1260_EU	R-CHIP	680ohm,5%1/10W,TP,1608	SA
.....5	2007-000120	R255_EU	R-CHIP	680ohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R811	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R9111	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R9112	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R9113	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R9115	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R9116	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000123	R9117	R-CHIP	1.5Kohm,5%1/10W,TP,1608	SA
.....5	2007-000125	R335	R-CHIP	3.9Kohm,5%1/10W,TP,1608	SA
.....5	2007-000129	R647	R-CHIP	27Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R1271_EU	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R250_EU	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R262	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R263	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R264	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R265	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R266	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R267	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R268	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R269	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R643_OP	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000134	R644_OP	R-CHIP	33Kohm,5%1/10W,TP,1608	SA
.....5	2007-000293	R7132	R-CHIP	100ohm,5%1/4W,TP,3216	SA
.....5	2007-000293	R7133	R-CHIP	100ohm,5%1/4W,TP,3216	SA
.....5	2007-000293	R7134	R-CHIP	100ohm,5%1/4W,TP,3216	SA
.....5	2007-000293	R721	R-CHIP	100ohm,5%1/4W,TP,3216	SA
.....5	2007-000293	R722	R-CHIP	100ohm,5%1/4W,TP,3216	SA
.....5	2007-000309	R3111	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7309	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7310	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7311	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7312	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7313	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7314	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7315	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R7316	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R900_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R902_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R903_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R904_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R905_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R906_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R908_EU	R-CHIP	100ohm,5%1/10W,TP,1608	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2007-000309	R909_EU	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9100	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9101	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9102	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9103	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9105	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9106	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9128	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9331	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R9501_OP	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R8502_OP	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R951	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R952	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R956	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R970	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R971	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R972	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R973	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R977	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R978	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R979	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R981	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R998	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	R999	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000309	RA920	R-CHIP	10ohm,5%1/10W,TP,1608	SA
.....5	2007-000458	R694	R-CHIP	18Kohm,5%1/10W,TP,1608	SA
.....5	2007-000458	R715_EU	R-CHIP	18Kohm,5%1/10W,TP,1608	SA
.....5	2007-000458	R746	R-CHIP	18Kohm,5%1/10W,TP,1608	SA
.....5	2007-000458	R920	R-CHIP	18Kohm,5%1/10W,TP,1608	SA
.....5	2007-000779	R328	R-CHIP	33ohm,1%1/10W,TP,1608	SA
.....5	2007-000779	R330	R-CHIP	33ohm,1%1/10W,TP,1608	SA
.....5	2007-000821	R327	R-CHIP	390ohm,1%1/10W,TP,1608	SA
.....5	2007-000882	R624	R-CHIP	4.7ohm,5%1/10W,TP,1608	SA
.....5	2007-000882	R625	R-CHIP	4.7ohm,5%1/10W,TP,1608	SA
.....5	2007-001014	R231	R-CHIP	51OHM,5%1/10W,TP,1608	SA
.....5	2007-001014	R232	R-CHIP	51OHM,5%1/10W,TP,1608	SA
.....5	2007-001068	R858	R-CHIP	6.8Kohm,1%1/10W,TP,1608	SA
.....5	2007-001164	C7790	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R103	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R710_EU	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7112_EU	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7140_EU	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R720	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R744	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7581	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7583	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7584	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7587_EU	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7591	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7592	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R770	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R771	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7788	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001164	R7789	R-CHIP	75ohm,1%1/10W,TP,1608	SA
.....5	2007-001167	R352	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R353	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R354	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R751	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R752	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R753	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R755	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2007-001167	R756	R-CHIP	75ohm,5%1/10W,TP,1608	SA
.....5	2011-000002	IC2019	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2015	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2016	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2017	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2018	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2020	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2021	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000002	RA2022	R-NET	220HM,5%1/16W,L,CHIP,8P,TP,3216	SA
.....5	2011-000515	RA933	R-NET	4.7Kohm,5%1/16W,L,CHIP,8P,TP	SA
.....5	2011-000515	RA934	R-NET	4.7Kohm,5%1/16W,L,CHIP,8P,TP	SA

7 Electrical Parts List

7 Electrical Parts List

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2203-000236	C711_EU	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C729_EU	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C730_EU	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C731	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C732_EU	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C733	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C734	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C735	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C9233_EU	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C988	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000236	C989	C-CER,CHIP	0.1nF,5%50V,COG,1608	SA
.....5	2203-000257	C102	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C106	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C213	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C214	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C215	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C216	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C217	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C223	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C226	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C2301	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C388	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C803	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C806	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C809	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C812	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C819	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C838	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C854	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C869	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C932	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C934	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C936	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C937	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000257	C940	C-CER,CHIP	10nF,10%50V,X7R,1608	SA
.....5	2203-000405	C850	C-CER,CHIP	0.18nF,5%50V,COG,TP,1608	SA
.....5	2203-000440	C25016	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C25017	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C25018	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C25019	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C341	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C350	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C351	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C354	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C355	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C381	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C386	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C635	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C636	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C901	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C903	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C906	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C9548	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C9549	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000440	C990	C-CER,CHIP	1nF,10%50V,X7R,1608	SA
.....5	2203-000491	C109	C-CER,CHIP	2.2nF,10%50V,X7R,TP,1608,-	SA
.....5	2203-000552	C238	C-CER,CHIP	0.02nF,5%50V,COG,TP,1608	SA
.....5	2203-000552	C239	C-CER,CHIP	0.02nF,5%50V,COG,TP,1608	SA
.....5	2203-000626	C919	C-CER,CHIP	0.022nF,5%50V,COG,TP,1608	SA
.....5	2203-000626	C920	C-CER,CHIP	0.022nF,5%50V,COG,TP,1608	SA
.....5	2203-000626	C929	C-CER,CHIP	0.022nF,5%50V,COG,TP,1608	SA
.....5	2203-000626	C930	C-CER,CHIP	0.022nF,5%50V,COG,TP,1608	SA
.....5	2203-000715	C8822	C-CER,CHIP	3.3nF,10%50V,X7R,TP,1608,-	SA
.....5	2203-000783	C709_EU	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C712	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C713	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C739	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C742	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C7420	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C7422	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C743	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C744	C-CER,CHIP	0.33nF,5%50V,COG,TP,1608	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2203-000783	C749	C-CER,CHIP	0.33NF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C750	C-CER,CHIP	0.33NF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C7579	C-CER,CHIP	0.33NF,5%50V,COG,TP,1608	SA
.....5	2203-000783	C760	C-CER,CHIP	0.33NF,5%50V,COG,TP,1608	SA
.....5	2203-000783	D747	C-CER,CHIP	0.33NF,5%50V,COG,TP,1608	SA
.....5	2203-000815	C271_EU	C-CER,CHIP	0.033NF,5%50V,COG,TP,1608	SA
.....5	2203-000815	C7763_EU	C-CER,CHIP	0.033NF,5%50V,COG,TP,1608	SA
.....5	2203-000815	C7764_EU	C-CER,CHIP	0.033NF,5%50V,COG,TP,1608	SA
.....5	2203-000815	C7765_EU	C-CER,CHIP	0.033NF,5%50V,COG,TP,1608	SA
.....5	2203-000815	C921	C-CER,CHIP	0.033NF,5%50V,COG,TP,1608	SA
.....5	2203-000815	C922	C-CER,CHIP	0.033NF,5%50V,COG,TP,1608	SA
.....5	2203-000838	C333	C-CER,CHIP	0.39NF,5%50V,COG,TP,1608	SA
.....5	2203-000843	C332	C-CER,CHIP	39nF,10%25V,X7R,TP,1608-	SA
.....5	2203-000872	C627	C-CER,CHIP	0.003NF,0.25PF,50V,COG,TP,1608	SA
.....5	2203-000872	C628	C-CER,CHIP	0.003NF,0.25PF,50V,COG,TP,1608	SA
.....5	2203-000888	C110	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000888	C218	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000888	C219	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000888	C324	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000888	C335	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000888	C633	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000888	C634	C-CER,CHIP	4.7nF,10%50V,X7R,TP,1608	SA
.....5	2203-000972	C107	C-CER,CHIP	47nF,10%16V,X7R,TP,1608	SA
.....5	2203-000972	C620	C-CER,CHIP	47nF,10%16V,X7R,TP,1608	SA
.....5	2203-000975	C370	C-CER,CHIP	47nF,10%25V,X7R,TP,1608-	SA
.....5	2203-000975	C667	C-CER,CHIP	47nF,10%25V,X7R,TP,1608-	SA
.....5	2203-000975	C668	C-CER,CHIP	47nF,10%25V,X7R,TP,1608-	SA
.....5	2203-000975	C681	C-CER,CHIP	47nF,10%25V,X7R,TP,1608-	SA
.....5	2203-000975	C685	C-CER,CHIP	47nF,10%25V,X7R,TP,1608-	SA
.....5	2203-000998	C705_EU	C-CER,CHIP	0.047NF,5%50V,COG,TP,1608	SA
.....5	2203-000998	C728_EU	C-CER,CHIP	0.047NF,5%50V,COG,TP,1608	SA
.....5	2203-000998	C935	C-CER,CHIP	0.047NF,5%50V,COG,TP,1608	SA
.....5	2203-001071	C624	C-CER,CHIP	0.056NF,5%50V,COG,TP,1608	SA
.....5	2203-001071	C625	C-CER,CHIP	0.056NF,5%50V,COG,TP,1608	SA
.....5	2203-001071	C626	C-CER,CHIP	0.056NF,5%50V,COG,TP,1608	SA
.....5	2203-001391	C664	C-CER,CHIP	150nF,10%25V,X7R,TP,2012,-	SA
.....5	2203-001391	C665	C-CER,CHIP	150nF,10%25V,X7R,TP,2012,-	SA
.....5	2203-001391	C682	C-CER,CHIP	150nF,10%25V,X7R,TP,2012,-	SA
.....5	2203-001391	C684	C-CER,CHIP	150nF,10%25V,X7R,TP,2012,-	SA
.....5	2203-001607	C108	C-CER,CHIP	0.22nF,5%50V,NP0,-,1608	SA
.....5	2203-001607	C675	C-CER,CHIP	0.22nF,5%50V,NP0,-,1608	SA
.....5	2203-001630	C657	C-CER,CHIP	330nF,+80-20%16V,Y5V,TP,1608	SA
.....5	2203-001630	C658	C-CER,CHIP	330nF,+80-20%16V,Y5V,TP,1608	SA
.....5	2203-001656	C623	C-CER,CHIP	0.47nF,5%50V,NP0,TP,1608	SA
.....5	2203-001656	C644	C-CER,CHIP	0.47nF,5%50V,NP0,TP,1608	SA
.....5	2203-001656	C956_EU	C-CER,CHIP	0.47nF,5%50V,NP0,TP,1608	SA
.....5	2203-005005	C100	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C105	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C113	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C2107	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C211	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C212	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C221	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C222	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C228	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C230	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C231	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C232	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C25025	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C3068_EU	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C321	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C322	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C325	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C327	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C328	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C329	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C330	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C334	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C336	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C337	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C338	C-CER,CHIP	100nF,10%16V,X7R,1608	SA
.....5	2203-005005	C339	C-CER,CHIP	100nF,10%16V,X7R,1608	SA

7 Electrical Parts List

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2203-005065	C928	C-CER,CHIP	1000nF,+80-20%10V,Y5V,-1608	SA
.....5	2203-005437	C371	C-CER,CHIP	10000nF,+80-20%10V,Y5V,TP,3216	SA
.....5	2402-000108	C738	C-AL,SMD	10uF,20%16V,WT,TP,4.3x4.3x5.4	SA
.....5	2402-001081	C670	C-AL,SMD	100uF,20%25V,WT,TP,8.3x8.3x10	SA
.....5	2402-001081	C688	C-AL,SMD	100uF,20%25V,WT,TP,8.3x8.3x10	SA
.....5	2402-001081	C801	C-AL,SMD	100uF,20%25V,WT,TP,8.3x8.3x10	SA
.....5	2402-001081	C817	C-AL,SMD	100uF,20%25V,WT,TP,8.3x8.3x10	SA
.....5	2402-001081	C836	C-AL,SMD	100uF,20%25V,WT,TP,8.3x8.3x10	SA
.....5	2402-001128	C101	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C210	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C220	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C25027	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C345	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C391	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C648	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C660	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C677	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C804	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C807	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C865	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001128	C867	C-AL,SMD	100uF,20%16V,WT,TP,6.3x5.7MM	SA
.....5	2402-001129	C115_OP	C-AL,SMD	47uF,20%16V,WT,TP,6.3x5.2MM	SA
.....5	2402-001129	C619	C-AL,SMD	47uF,20%16V,WT,TP,6.3x5.2MM	SA
.....5	2402-001129	C655	C-AL,SMD	47uF,20%16V,WT,TP,6.3x5.2MM	SA
.....5	2402-001129	C938	C-AL,SMD	47uF,20%16V,WT,TP,6.3x5.2MM	SA
.....5	2402-001129	C958_EU	C-AL,SMD	47uF,20%16V,WT,TP,6.3x5.2MM	SA
.....5	2402-001129	C959_EU	C-AL,SMD	47uF,20%16V,WT,TP,6.3x5.2MM	SA
.....5	2402-001158	C2109	C-AL,SMD	1uF,20%50V,WT,TP,4X5.2MM	SA
.....5	2402-001158	C250	C-AL,SMD	1uF,20%50V,WT,TP,4X5.2MM	SA
.....5	2402-001178	C2060	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C2064	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C2100	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C2101	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C2103	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C2105	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C229	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C233	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C234	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C25015	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C25024	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C270_EU	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C272_EU	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C273	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C274	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C275	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C276	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C278	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C280	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C282	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C297	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C390	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C601	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C602	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C603	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C604	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C605	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C606	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C607	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C608	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C6105	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C611	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C612	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C6120	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C629	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C631	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C645	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C650	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C651	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C652	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C653	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C7766	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C839	C-AL,SMD	10uF,20%16V,WT,TP,4.3X4.3X5.8MM	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2402-001178	C910	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C923	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C933	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C943_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C945_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C947_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C949_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C951_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C953_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C9540	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C9543	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C961	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C965	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C966	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001178	C971_EU	C-AL-SMD	10UF,20%16V,WT,TP,4.3X4.3X5.8MM	SA
.....5	2402-001183	C103	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C112	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C2108	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C227	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C284	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C320	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C326	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C352	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C358	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C382	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C384	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C610	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C621	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C656	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C659	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C813	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C815	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C821	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C822	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C824	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C853	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C855	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C861	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C863	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C870	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C872	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C875	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C880	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C882	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C931	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001183	C996	C-AL-SMD	22UF,20%16V,WT,TP,5.3X5.3X6MM	SA
.....5	2402-001226	C1671_EU	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C393	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C6104	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C613	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C614	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C615	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C616	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C617	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001226	C618	C-AL-SMD	4.7UF,20%35V,HR,TP,4.3X4.3X5.8MM	SA
.....5	2402-001238	C104	C-AL-SMD	1UF,20%50V,HR,TP,4.3X4.3X5.2MM	SA
.....5	2402-001257	C111	C-AL-SMD	470uF,20%16V,-TP,8.3° 10	SA
.....5	2402-001257	C7767	C-AL-SMD	470uF,20%16V,-TP,8.3° 10	SA
.....5	2409-001029	C847	C-ORGANIC	120uF,20%6.3V,WT,TP,10.3x10.3mm,9	SA
.....5	2503-001018	CA392	C-NETWORK	15PFX4,10%50V,-	SA
.....5	2503-001018	CA393	C-NETWORK	15PFX4,10%50V,-	SA
.....5	2503-001018	CA394	C-NETWORK	15PFX4,10%50V,-	SA
.....5	2503-001018	CA395	C-NETWORK	15PFX4,10%50V,-	SA
.....5	2503-001018	CA396	C-NETWORK	15PFX4,10%50V,-	SA
.....5	2503-001018	CA397	C-NETWORK	15PFX4,10%50V,-	SA
.....5	2703-000274	BD919	INDUCTOR-SMD	2.2uH,10%,2012	SA
.....5	2703-000274	L2201	INDUCTOR-SMD	2.2uH,10%,2012	SA
.....5	2703-000274	L2612	INDUCTOR-SMD	2.2uH,10%,2012	SA
.....5	2703-000274	L2613	INDUCTOR-SMD	2.2uH,10%,2012	SA
.....5	2703-000398	BD615	INDUCTOR-SMD	10uH,10%,3225	SA
.....5	2703-000398	L102	INDUCTOR-SMD	10uH,10%,3225	SA
.....5	2703-000398	L610	INDUCTOR-SMD	10uH,10%,3225	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	2703-000398	L611	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L612	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L620	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L621	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L712	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L713	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L718_EU	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L719	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L720_EU	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L721	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L722	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L723	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L724	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L725	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L727	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L728	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L732	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L733	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L734_EU	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L735	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L736_EU	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L737	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L740	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L741	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L7565	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L910	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L911_EU	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L914	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L915	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L916	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000398	L917_EU	INDUCTOR-SMD	10uH,10%3225	SA
.....5	2703-000417	L112	INDUCTOR-SMD	220uH,5%3225	SA
.....5	2703-001426	L103	INDUCTOR-SMD	680uH,20%7070	SA
.....5	2703-001778	L705_EU	INDUCTOR-SMD	3.3uH,20%3225	SA
.....5	2703-001778	L706_EU	INDUCTOR-SMD	3.3uH,20%3225	SA
.....5	2703-001778	L707_EU	INDUCTOR-SMD	3.3uH,20%3225	SA
.....5	2703-001778	L708_EU	INDUCTOR-SMD	3.3uH,20%3225	SA
.....5	2703-001778	L709	INDUCTOR-SMD	3.3uH,20%3225	SA
.....5	2703-001778	L711	INDUCTOR-SMD	3.3uH,20%3225	SA
.....5	2703-002327	L100	INDUCTOR-SMD	3.9uH,5%3225	SA
.....5	2801-000258	X901	CRYSTAL-UNIT	0.032768MHz,20ppm SMD,12.5pF,50ohm,TP	SA
.....5	2801-003326	X903	CRYSTAL-SMD	24MHz,30ppm,28-ABX,16pF,50ohm,	SA
.....5	2801-003667	X201	CRYSTAL-SMD	14.31818MHz,30ppm,28-AAN,16.50ohm,TP	SA
.....5	2801-004117	X902	CRYSTAL-SMD	6MHz,30PPM,28-ABX,20PF,150OHM,TP	SA
.....5	2801-004300	X610	CRYSTAL-SMD	18.432MHz,30ppm,28-ABX,13pF,30ohm,TP	SA
.....5	2901-001264	FT2701	FILTER-EMI SMD	25V,1A,-,297PF,3.2X1.6X10MM,TP	SA
.....5	2901-001302	FT715	FILTER-EMI SMD	20V,0.3A,-,2.0X1.2X1.3mm,TP	SA
.....5	2901-001302	FT716	FILTER-EMI SMD	20V,0.3A,-,2.0X1.2X1.3mm,TP	SA
.....5	2901-001302	FT717	FILTER-EMI SMD	20V,0.3A,-,2.0X1.2X1.3mm,TP	SA
.....5	2901-001302	FT718	FILTER-EMI SMD	20V,0.3A,-,2.0X1.2X1.3mm,TP	SA
.....5	3301-001145	BD200	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD2305	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD311	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD603	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD604	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD800	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD801	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD802	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD803	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD804	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	BD805	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	FT2702	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	FT313	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	FT314	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	FT315	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001145	FT810	BEAD-SMD	600HM,4516.6000,TP,700HM/45MHZ,820HM/760MHZ,0.01	SNA
.....5	3301-001236	BD1815	BEAD-SMD	600hm,1608.200mA,,0.7ohm	SNA
.....5	3301-001236	BD2014	BEAD-SMD	600hm,1608.200mA,,0.7ohm	SNA
.....5	3301-001236	BD210	BEAD-SMD	600hm,1608.200mA,,0.7ohm	SNA
.....5	3301-001236	BD211	BEAD-SMD	600hm,1608.200mA,,0.7ohm	SNA
.....5	3301-001236	BD212	BEAD-SMD	600hm,1608.200mA,,0.7ohm	SNA
.....5	3301-001236	BD213	BEAD-SMD	600hm,1608.200mA,,0.7ohm	SNA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
.....5	3301-001236	BD214	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD215	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD216	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD221	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD222	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD310	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD312	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD314	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD710	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD711	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD712	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD820	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD821	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD920	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD921	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD922	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD923	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001236	BD924	BEAD-SMD	60ohm,1608,200mA,,,0.7ohm	SNA
.....5	3301-001595	L617	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,.012ohm	SNA
.....5	3301-001595	L618	BEAD-SMD	1000ohm,7.0x6.0x4.5mm,4000mA,TP,,.012ohm	SNA
.....5	3301-001605	FT250	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,.5ohm	SNA
.....5	3301-001605	FT251	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,.5ohm	SNA
.....5	3301-001605	FT252	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,.5ohm	SNA
.....5	3301-001605	FT253	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,.5ohm	SNA
.....5	3301-001605	FT324	BEAD-SMD	360ohm,2.0x1.2x1.2mm,100mA,TP,,.5ohm	SNA
.....5	3711-005291	CN622	CONNECTOR-HEADER	BOX,2P,1R,2MM,SMD-A,SN,WHT	SA
.....5	3711-005292	CN621	CONNECTOR-HEADER	BOX,3P,1R,2MM,SMD-A,SN,WHT	SA
.....5	3711-005470	CN701	CONNECTOR-HEADER	BOX,30P,1R,1.25mm,SMD-A,Sn+Pb,IVR	SA
.....5	3711-005497	CN812	CONNECTOR-HEADER	BOX,15P,1R,1.25mm,SMD-A,SnPb,IVR	SA
.....5	3711-005543	CN813	CONNECTOR-HEADER	BOX,6P,1R,1.25mm,SMD-A,SnPb,IVR	SA
.....5	BN27-00008A	L811	COIL CHOKE-SMD	SMD12*12*8.5,GH15/17S,22.0uH, %20%, -0.0450OHM MAX,.30A,DR10X7/SMD12X6.7,16.7TS	SA
.....5	BN27-00017A	L701_OP	COIL CHOKE-SMD	P05845-330,LT17N2,33uH,10%0.3ohm,1A,DR5845,35.5Ts,6* 5.2* 4.5,1.5mm,TP	SA
.....5	BN27-00017A	L702_OP	COIL CHOKE-SMD	P05845-330,LT17N2,33uH,10%0.3ohm,1A,DR5845,35.5Ts,6* 5.2* 4.5,1.5mm,TP	SA
.....5	BN27-00017A	L703_OP	COIL CHOKE-SMD	P05845-330,LT17N2,33uH,10%0.3ohm,1A,DR5845,35.5Ts,6* 5.2* 4.5,1.5mm,TP	SA
.....5	BN27-00017A	L704_OP	COIL CHOKE-SMD	P05845-330,LT17N2,33uH,10%0.3ohm,1A,DR5845,35.5Ts,6* 5.2* 4.5,1.5mm,TP	SA
.....5	BN97-00484B	MICOM2	ASSY MICOM	NEW	SNA
.....6	0903-001389	IC902	IC-MICROCONTROLLER	S3F866B,8Bit,QFP,44P,10.0x10.0mm,24MHz,,-,PLASTIC,3.3V,,-,25to+85C,64K,,-,-	SNA
.....5	BN97-00529A	MICOM1	ASSY MICOM	RE32EO,AT49BV802AT,20050107,1107-001555,T-ROME32PEU-1000	SNA
.....6	1107-001555	IC908	IC-FLASH MEMORY	49BV802A,512Kx16/1Mx8Bit,TSOP,48P,18.4x12mm,70nS,,-,40to+85C,25uA,TP	SA
....3	BN96-01850B		ASSY PCB P-SMPS	110W SMPS,RE23EO,1208185mm,AC100~240V,2	SNA
....2	BN91-00833C	LCD	ASSY LCD-SPZ	RE23UO* AM LCD	SNA
....3	BN07-00184A	LCD	LCD	LTA230W1-L02,8bit,546*318*46.3,16.7M,16:9,0.372,0.372,0 to +50.5V,PVA ZPD,23inch	SA

7-2 Differential components lists of Main PCB

Model	LE23R51B	LE26R51B	LE32R51B	LE40R51B
Ass' y code	BN94-00629S	BN94-00629T	BN94-00629A	BN94-00629D
L701_OP	BN27-00017A	BN27-00017A	X	X
L702_OP	BN27-00017A	BN27-00017A	X	X
L703_OP	BN27-00017A	BN27-00017A	X	X
L704_OP	BN27-00017A	BN27-00017A	X	X
L613_OP	X	BN27-00017A	BN27-00009A	BN27-00009A
L614_OP	X	BN27-00017A	BN27-00009A	BN27-00009A
L615_OP	X	BN27-00017A	BN27-00009A	BN27-00009A
L616_OP	X	BN27-00017A	BN27-00009A	BN27-00009A
23_	0 Ohm (2007-000070)	BN27-00017A	X	X
26_	X	BN27-00017A	X	X
32_	X	BN27-00017A	0 Ohm (2007-000070)	X
40_	X	BN27-00017A	X	0 Ohm (2007-000070)
J A711	X	BN27-00017A	3701-001311	3701-001311
J A712	X	BN27-00017A	3722-001903	3722-001903
R920	2007-000070	BN27-00017A	X	X
R921	X	BN27-00017A	X	X
R922	X	BN27-00017A	2007-000082	X
R923	X	BN27-00017A	X	2007-000070

7-3 LE23R51B Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
...2	BN90-00695B		ASSY COVER REAR	RE23EO	SNA
....3	6002-001294	C/R+C/M	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
....3	6003-000115	C/J+SU	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
....3	BN63-01729A		COVER-JACK	ROME,23,ABS,V0,GR503,PAL(SCART),READY	SNA
....3	BN96-01725A		ASSY COVER P-REAR	ROME,23,HIPS,V0,GR503	SNA
....4	6003-000133	B/V+REAR	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
....4	6003-000133	H/W+REAR	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
....4	BN61-01302A		BRACKET-VESA	32" DUOMO,SECC,T1.6	SNA
....4	BN61-01488A		HOLDER-WIRE	ROME,40,ABS,HB,GR503	SNA
....4	BN63-01725A		COVER-REAR	ROME,23,HIPS,V0,GR503	SNA
...2	BN90-00696B		ASSY COVER FRONT	RE23EO	SNA
....3	6003-001003	C/M+C/F	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....3	6003-001003	I/P+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....3	6003-001003	P/S+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....3	6006-001096	SPK+C/M	SCREW-TAPTITE	WP,BH,+,M4.0,L12,BLK,SWRCH18A	SNA
....3	BN96-01723B		ASSY COVER P-FRONT	23" ROME,ABS,HB,BK23,RHCM,EO	SNA
....4	BN61-01655A		SPRING ETC	STS-304 SUS,D8,L12,T0.5	SA
....4	BN63-01723B		COVER-FRONT	23" ROME,ABS,T2.0,HB,BK23,RHCM,EO	SNA
....4	BN64-00342A		KNOB POWER	ROME,40,PC,VIOLET	SNA
....4	BN64-00343A		WINDOW-RMC	ROME,40,PC,CLEAR	SNA
....4	BN64-00346A		KNOB-DECORATION	ROME,40,AL,T0.5,TITAN,POWER	SNA
....3	BN96-01724B		ASSY COVER P-MIDDLE	23" ROME,ABS,V0,GR70,SV012P,EO	SNA
....4	6003-001003	K/C+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....4	BN61-01489A		GUIDE-CONTROL	ROME,40,ABS,HB,GR70	SNA
....4	BN63-01724B		COVER-MIDDLE	23" ROME,ABS,T2.0,V0,GR70,SV012P	SNA
....4	BN64-00340A		KNOB-DECORATION	ROME,40,ABS,HB,GR515,AL	SNA
....4	BN64-00341A		KNOB CONTROL	ROME,40,ABS+PC,GR70,SV012P	SNA
....4	BP61-00509C	MIDDLE	HOLDER-CARE	PJT,ACRYL-FOAM,T0.25,W20.0mm,L33M,CLEAR,TAPE	SNA
....3	BN96-01771A	C/F	ASSY SPEAKER P	16ohm,Left,3W,Rome 23	SA
....3	BN96-01772A	C/F	ASSY SPEAKER P	16ohm,Right,3W,Rome 23	SA
....3	BP61-00495C	MIDDLE	HOLDER-CARE	PJT,ACRYL-FOAM,T0.25,W30.0mm,L33M,CLEAR,TAPE	SNA
...2	BN90-00697A		ASSY STAND	RE23	SNA
....3	BN96-01727A		ASSY STAND P-SET	ROME,26,23,ABS,HB,GR70,SV012P	SNA
....4	6002-001294	BR+G/S	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
....4	6003-001239	BR+C/S	SCREW-TAPTITE	FH,+,B,M4,L10,ZPC(YEL),SWRCH18A	SA
....4	6902-000519	STAND	BAG PE	HDPE/NITRON(DOUBLE),T0.015/T0.05(DOUBLE),W1000,L700,TRP,28,LANGUAGE,2	SNA
....4	BN61-01561A		GUIDE-STAND	ROME,23,ABS,HB,GR70	SNA
....4	BN61-01562A		BRACKET-STAND BOTTOM	26" ROME,SECC,T2.0	SNA
....4	BN63-01718A		COVER-STAND	ROME,26,23,ABS,HB,GR70,SV012P	SNA
...2	BN91-00793T		ASSY SHIELD	NEW	SNA
....3	0201-001578	CIS	ADHESIVE-HM	HM-555,WHT,4,000 Cps,-	SNA
....3	6003-000115	M/P+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
....3	6003-000115	P/P+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
....3	6003-000133	BR/P+PA	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
....3	6003-001003	B/ST+MI	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....3	6003-001003	BR/P+MI	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....3	6003-001003	BR/SI+MI	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
....3	6046-001013	CIS	STAND OFF	M3,L5,NI PLT,SUM24L,# 4-40	SNA
....3	6502-001002	BRKT	CABLE CLAMP	DAWS-1NB, ID15.5,T2.0, NYLON66,N	SNA
....3	BN39-00588C	CIS	LEAD CONNECTOR	SO40UO,UL20276#30,30P,200mm,#30,FI-E30HL,12507HS-30L,BK,20276#30	SA
....3	BN39-00616A	CIS	LEAD CONNECTOR	RE26",UL2835#28,12/15P,300mm,#28,12507HS-12L,12507HS-15L,BK,2835#28	SA
....3	BN61-01523A		BRACKET-GUIDE STAND	32" ROME,SECC,T1.0	SNA
....3	BN61-01564A		BRACKET-PANEL SIDE	26" ROME,SECC,T1.2	SNA
....3	BN61-01569A		BRACKET-PCB	23" ROME,SECC,T1.0	SNA
....3	BN96-01882C	CIS	ASSY BOARD P-POWER & IR	ROME 26,CT5000-3260,POWER&IB BOARD ASS	SNA
...2	BN91-00826S		ASSY CHASSIS	NEW	SNA
...2	BN92-00920B		ASSY LABEL	MU16EO	SNA
....3	BN68-00614A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90* 45, BLK, POLYESTER, NO SILK	SNA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
....2	BN92-01295A	P/M	ASSY P/MATERIAL	RE23	SNA
....3	0203-001269		TAPE-OPP MASKING	#301,T0.06,W75,L50000,NTR	SNA
....3	6902-000379		BAG AIR	LDPE,T0.2,W1000,L1800,TRP,,-	SNA
....3	6902-000520		BAG PE	HDPE/NITRON(DOUBLE),T0.015/T0.5(DOUBLE),W700,L700,TRP,28 LANGUAGE,2-	SNA
....3	6902-000604		BAG WRAPPING	LDPE,T0.02,W500,L10000,TRP,,-	SNA
....3	BH68-40364A		LABEL-SUMMARY	G52,G72,ART,100G,WHT,BLK,W142*	SNA
....3	BH69-00457C		PACKING-PAD BOTTOM	CY15PO,FOAM,T3.0,1320,880	SNA
....3	BH69-40321C		PACKING-EDGE	SW4/YEL,2030* 140,-,CGC5637(HP)	SNA
....3	BH69-40348A		PACKING-PAD TOP 15'	CB-DW2,W1200* L840,500G,CMA5377	SNA
....3	BN68-00129A		LABEL SHIPPING-00	-,LABEL SHIPPING,ART-PAPER,100G,-,WHT,BLACK,-,-	SNA
....3	BN69-00617T	P/M	PALLET-WOODEN	ROME 23" ,WOODEN,1160,680,120,2 WAY TYPE	SNA
....3	BN69-00949A		CUSHION-SET	23" ROME,EP5,50M	SNA
....2	BN92-01296B	BOX	ASSY BOX	LE23R51BX/XEC	SNA
....3	AA68-50502A		LABEL-00,CONFORMATION	W/P100(G),CTV,ITALY,170x110,BL	SNA
....3	BH68-00329D		LABEL BAR CODE-01	NO CE,NO WT Y,MPIII,LABEL-BARCODE,MOJO 90G,90,95,WHT	SNA
....3	BN69-00955B		BOX-00,SET	RE23EO,RE23RO,SW4,A,YEL,A1,EUROPE/CIS	SNA
....2	BN92-01324F	UNIT/ACCESSORY	ASSY ACCESSORY	LE23R51BX/XEC	SNA
....3	BN96-01904K		ASSY ACCESSORY	LE23R51BX/XEC	SA
....4	0203-000214		TAPE-OPP MASKING	OPP/W50/CLR,T0.05,W50,L400000,	SNA
....4	3903-000042		ACCESSORY	DT,EU,FP3/YES,IEC320 C13/C14,250/250V,10-16/10A,BLK,1830MM,-,H05VV-F 3X0.75MM ² ,	SA
....4	4301-000103		ACCESSORY	1.5V,750mAH,AAA,10.5x44.5mm,-	SA
....4	6902-000110		ACCESSORY	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
....4	AA39-00171A		ACCESSORY	,1P,3C-2C,2100mm,-,BLK,DIN,-,-	SA
....4	AA68-00291A		ACCESSORY	,SPANISH,-,B5,W/P100G,-	SNA
....4	AA68-01092B		ACCESSORY	,ITA,B5,W/P100(G),1,1P	SNA
....4	AA68-03242B		00	TH-ENG,SAFETY GUIDE	SNA
....4	AA68-03575A		ACCESSORY	XEU,ENG,UK,W/P100G,L150,W392	SNA
....4	AA68-03575B		ACCESSORY	XEG,GERMAN,W/P100G,L150,W392	SNA
....4	AA68-03575C		ACCESSORY	XEF,FRENCH,W/P100G,L150,W392	SNA
....4	AA68-03575D		ACCESSORY	XEC,SPANISH,W/P100G,L150,W392	SNA
....4	AA68-03575E		ACCESSORY	XET,ITALY,W/P100G,L150,W392	SNA
....4	AA68-03575F		ACCESSORY	XEN,DUTCH,W/P100G,L150,W392	SNA
....4	AA68-03575G		ACCESSORY	XEP,PORTUGAL,W/P100G,L150,W392	SNA
....4	BN59-00457A		ACCESSORY	ROME,TM75,139x53x21,SAMSUNG,36,G6148,EX,Europe,PAL,TTX,PIP	SNA
....4	BN63-01674A		REMOCON	32" ROME,ABS,V0,GR503	SNA
....4	BN68-00514A		COVER-BOTTOM	PDP/LCD TV,EN,FR,DE,ETC,W/P 120g	SNA
....4	BN68-00817C		MANUAL-03,WARRANTY CARD	LE23R51B,SAMSUNG,E/F/G/Du/I/S/P,W,Euroep,Art 120/Mojo100,B5,ROME 23"	SNA
....4	BN69-00350A		MANUAL USERS-00	AL29NO/A0,CB SW-1,YEL,KSD-21,60,300,230	SNA
....4	BN96-01800A		ACCESSORY	BOX-00,ACCESSORY	
....5	6002-001294		ASSY ACCESSORY	ROME32,SCREW	SNA
....5	6902-000128		SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
			BAG ZIPPER	LDPE,T0.05,L150,W200,TRP,8,2,PE MARK	SNA

7-3 LE26R51B Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BN90-00692D	-	ASSY COVER FRONT	RE26EO,(GN)	SNA
3	6003-001003	C/M+C/F	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	I/P+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	P/S+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	SPK+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	BN96-01728D	-	ASSY COVER P-FRONT	ROME,26EO,(GN),ABS,HB,BK23,RHCM	-
4	AA61-60003A	-	SPRING ETC-CS	-,SUS304,,-,OD7,N7,OD7,,-,-	SNA
4	BN63-01715D	-	COVER-FRONT	ROME,26(GN),ABS,HB,BK23,RHCM,EO	-
4	BN64-00342A	-	KNOB POWER	ROME,40,PC,T2.5,VIOLET	SNA
4	BN64-00343A	-	WINDOW-RMC	ROME,40,PC,CLEAR	SNA
4	BN64-00346A	-	KNOB-DECORATION	ROME,40,AL,T0.5,TITAN,POWER	SNA
3	BN96-01729C	-	ASSY COVER P-MIDDLE	ROME,26EO,ABS,V0,GR70,SV012P	SNA
4	6003-001003	K/C+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01489A	-	GUIDE-CONTROL	ROME,40,ABS,HB,GR70	SNA
4	BN63-01716C	-	COVER-MIDDLE	ROME,26,ABS,V0,GR70,SV012P,EO	SNA
4	BN64-00340A	-	KNOB-DECORATION	ROME,40,ABS,HB,GR515,AL	SNA
4	BN64-00341A	-	KNOB CONTROL	ROME,40,ABS+PC,GR70,SV012P	SNA
4	BN96-01881A	MIDDLE	ASSY BOARD P-FUNCTION	ROME 32" ,CT5000-3200,FUNCTION	SNA
3	BN96-01769A	C/F	ASSY SPEAKER P	16ohm,Left,5W,Rome 26	SA
3	BN96-01770A	C/F	ASSY SPEAKER P	16ohm,Right,5W,Rome 26	SA
2	BN90-00693D	-	ASSY COVER REAR	RE26EO(GN,CABLE)	SNA
3	6002-001294	C/R+C/M	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6003-000115	C/J+SU	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	BN63-01653A	-	COVER-JACK	ROME,40" ,32" ,26" ,ABS,V0,GR503,PAL(SCART),READY	SNA
3	BN96-01736C	-	ASSY COVER P-REAR	ROME,26(GN,CABLE),HIPS,HB,GR503	-
4	6003-000133	B/V+REAR	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
4	6003-000133	H/W+REAR	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
4	BN61-01302A	-	BRACKET-VESA	32" DUOMO,SECC,T1.6	SNA
4	BN61-01488A	-	HOLDER-WIRE	ROME,40,ABS,HB,GR503	SNA
4	BN63-01717C	-	COVER-REAR	ROME,26(GN,CABLE),HIPS,HB,GR503	-
2	BN90-00694A	-	ASSY STAND	RE26	SNA
3	BN96-01727A	-	ASSY STAND P-SET	ROME,26,23,ABS,HB,GR70,SV012P	SNA
4	6002-001294	BR+G/S	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
4	6003-001239	BR+C/S	SCREW-TAPTITE	FH,+,B,M4,L10,ZPC(YEL),SWRCH18A	SA
4	BN61-01561A	-	GUIDE-STAND	ROME,23,ABS,HB,GR70	SNA
4	BN61-01562A	-	BRACKET-STAND BOTTOM	26" ROME,SECC,T2.0	SNA
4	BN63-01718A	-	COVER-STAND	ROME,26,23,ABS,HB,GR70,SV012P	SNA
2	BN91-00826U	-	ASSY CHASSIS	NEW	SNA
2	BN92-01044V	-	ASSY LABEL	LM	SNA
3	AA68-00511C	LABEL	LABEL-00,TSXT	J57A,T/P,75,22,SR5	SNA
3	AA68-01070A	LABEL	LABEL-01,MODEL	-A/P,;30,20,,-,-,ALL MODEL,-	SNA
3	BN68-00614A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90* 45,BLK,POLYESTER,NO SILK	SNA
2	BN92-01293A	-	ASSY P/MATERIAL	RE26	SNA
3	6902-000358	-	BAG PE	HDPE/NITRON(DOUBLE),T0.02/T0.5,W900,L800,WHT,28,4AL29NO	SNA
3	6902-000379	-	BAG AIR	HDPE,T0.2,L1800,W1000,TRP „,PAPER	SNA
3	6902-000604	-	BAG WRAPPING	LDPE,T0.02,W500,L10000,TRP,,-	SNA
3	BH69-00457C	-	PACKING-PAD BOTTOM	CY15PO,FOAM,T3.0,I320,880	SNA
3	BH69-40321C	-	PACKING-EDGE	SW4/YEL,2030" 140,-,CGC5637(HP)	SNA
3	BH69-40348A	-	PACKING-PAD TOP 15'	CB-DW2,W1200" L840,500G,CM4537	SNA
3	BN69-00617S	-	PALLET-WOODEN	ROME 26" ,WOODEN,770,1290,120,2 WAY TYPE	SNA
3	BN69-00948A	-	CUSHION-SET	26" ROME,EP5,50M	SNA
2	BN92-01294D	-	ASSY BOX	LE26R51BDX/XEU	SNA
3	BH68-00329D	BOX	LABEL BAR CODE-01	NO CE,NO WT Y,MPRII,LABEL-BARCODE,MOJO 90G,90,95,WHT	SNA
3	BN69-00954D	-	BOX-00,SET	GN26EO,DW3,AB,YEL,A-1,EUROPE/CIS	SNA
2	BN92-01312A	-	ASSY ACCESSORY	LE32R51BDX/XEU	SNA
3	BN96-01804S	UNIT/ACCESSORY	ASSY ACCESSORY	LE32R51BD/XEU	SA
4	3903-000067	ACCESSORY	CBF-POWER CORD	DT,GB,GP3(YES/A),(IEC C13/C14),250/250V,10/10A,BLK,1830MM,;H05VV-F 3X1.0MM ² ,2,A	SA
4	4301-000103	ACCESSORY	BATTERY-ALKALINE	1.5V,750mAH,AAA,10.5x44.5mm,-	SA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	6801-001014	ACCESSORY	CARD-REGISTRATION	XEU,ENG,MOJ O100,L150,W392,-	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28.2,PE MARK	SNA
4	AA39-00171A	ACCESSORY	CBF SIGNAL	-,1P,3C-2C,2100mm,-,BLK,DIN,-,-,	SA
4	AA68-03242B	00	MANUAL-SAFETY GUIDE	TH-ENG,SAFETY GUIDE	SNA
4	AA68-20051A	ACCESSORY	MANUAL-S/NETWORK	ALL,W/P 100(G),B5,ENG,SEUK,-	SNA
4	BN59-00463A	ACCESSORY	REMOCON	GREENWICH,TM76A,210° 58° 21,ZILOG,49,G6148,EX,NT,GREENWICH,Europe,PAL	SNA
4	BN63-01674A	ACCESSORY	COVER-BOTTOM	32" ROME,ABS,V0,GR503	SNA
4	BN68-00514B	ACCESSORY	MANUAL-01,WARRANTY	PDP/LCD TV,SAMSUNG,WW,Europe,W/P 120g,A5,ALL	SNA
4	BN68-00804A	ACCESSORY	MANUAL USERS-00	LE26/32 R51BD,SAMSUNG,English,UK,Art 120/Mojo100,B5,Greenwich	SNA
4	BN69-00350A	ACCESSORY	BOX-00,ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230	SNA
4	BN96-01800A	ACCESSORY	ASSY ACCESSORY	ROME32,SCREW	SNA
5	6002-001294	ST+SE	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA

7-3 LE32R51B Others

Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BN90-00686A	-	ASSY COVER FRONT	RE32EO	SNA
3	6003-001003	C/M+C/F	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	I/P+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	P/S+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6006-001096	SPK+C/M	SCREW-TAPTITE	WP,BH,+,M4.0,L12,BLK,SWRCH18A	SNA
3	BN96-01731A	-	ASSY COVER P-MIDDLE	32" ROME,ABS,V0,SV-012P	SNA
4	6003-001003	K/C+C/M	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01489A	-	GUIDE-CONTROL	40" ROME,ABS+PC,GR70	SNA
4	BN63-01670A	-	COVER-MIDDLE	32" ROME,ABS,V0,GR503,SV012P	SNA
4	BN64-00340A	-	KNOB-DECORATION	40" ROME,ABS+PC,GR70,CR COATING	SNA
4	BN64-00341A	-	KNOB CONTROL	40" ROME,ABS+PC,GR70,SV012P	SNA
3	BN96-01735A	-	ASSY COVER P-FRONT	32" ROME,ABS HB,BK07,RHCM	SNA
4	AA61-60003A	-	SPRING ETC-CS	-,SUS304,--,OD7,N7,OD7,--,--	SNA
4	BN63-01669A	-	COVER-FRONT	32" ROME,ABS,HB,BLK,RHCM	SNA
4	BN64-00342A	-	KNOB POWER	40" ROME,PC,VIOLET	SNA
4	BN64-00343A	-	WINDOW-RMC	40" ROME,PC,CLEAR	SNA
4	BN64-00346A	-	KNOB-DECORATION	40" ROME,AL,T0.5,POWER	SNA
4	BP64-00188A	-	BADGE-BRAND	ALL,AL,T1.5,65.0,10.6,BLK,SILVER,SAMSUNG	SNA
2	BN90-00687A	-	ASSY COVER REAR	RE32EO	SNA
3	6002-001294	C/R+C/F	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6003-000115	C/J+SU	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	BN63-01653A	-	COVER-JACK	40" ROME,ABS,V0,GR503,READY(PAL)	SNA
3	BN96-01732A	-	ASSY COVER P-REAR	32" ROME,HIPS V0,GR503,NONE SPRAY	SNA
4	6003-001003	B/V+REAR	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	6003-001003	HW+REAR	SCREW-TAPTITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01488A	-	HOLDER-WIRE	40" ROME,ABS,HB,GR503	SNA
4	BN61-01505A	-	BRACKET-VESA	40" ROME,SECC,T1.6	SNA
4	BN63-01672A	-	COVER-REAR	32" ROME,HIPS,V0,GR503	SNA
2	BN90-00688A	-	ASSY STAND	RE32	SNA
3	BN96-01733A	-	ASSY STAND P-BASE	32" ROME,ABS HB,GR70,SV-012P	SNA
4	6002-001294	BR+G/S	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
4	6003-001424	BR+C/S	SCREW-TAPTITE	FH,+,S,M4,L8,NI,PLT,SWRCH18A,-	SNA
4	BN61-01519A	-	GUIDE-STAND	32" ROME,ABS	SNA
4	BN61-01524A	-	BRACKET-STAND BOTTOM	32" ROME,SECC,T2.0	SNA
4	BN63-01673A	-	COVER-STAND	32" ROME,ABS,HB,GR503	SNA
2	BN91-00407K	-	ASSY LCD-SPZ	DU32EO	SNA
3	BN07-00172A	LCD	LCD-PANEL	LTA320W2-L01,Venus,8BIT,760*450*50,16.7M,40,0.51075*0.51075,0~50.5V,PVA	SA
2	BN91-00793R	-	ASSY SHIELD	NEW	SNA
3	6002-001294	B/L+MIDD	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6002-001294	B/S+B/L	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6002-001294	BR+C/M	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6003-000115	B/G+B/P	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	M/P+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	P/P+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	SH+BR	SCREW-TAPTITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000133	B/P+PA	SCREW-TAPTITE	BH,+,S,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
3	6006-000245	GROUND	SCREW-MACHINE	WSP,PH,+,M4,L8,ZPC(YEL),SWRCH1	SNA
3	BH39-00362B	CIS	LEAD CONNECTOR	RE32* ,UL1007#26,5P,150mn,#26,SMH200-05,SMH200-05,BK,1007#26,SJ 04-01-532	SA
3	BN39-00028C	CIS	LEAD CONNECTOR	CK40PS,UL1007#26,ULCSA,14P,70MM,#26,SMH200-14,SMH200-14,BK,70MM,1007#26,SJ 02-01	SA
3	BN39-00046A	CIS	CBF-HARNESS	3P,70MM,BLU/WHT/GRY,UL1007,AWG26,SMH250-03	SA
3	BN39-00441B	CIS	LEAD CONNECTOR	NF32EO,UL1007#26,14P,150MM,#28,SMH200-14,SMH200-14,BK,1007#26,TUBE	SA
3	BN39-00588A	CIS	LEAD CONNECTOR	DU32EO,UL20276#30,30P,400mm,#30,FI-E30HL,12507HS-30L,BK,20276#30,SJ 04-01-358	SNA
3	BN39-00588B	CIS	LEAD CONNECTOR	RE32* ,UL20276#30,30P,300mm,#30,FI-E30HL,12507HS-30L,BK,20276#30,SJ 04-01-532	SA
3	BN39-00603B	CIS	LEAD CONNECTOR	RE32* ,UL1007#26,14P,200mm,#26,PHR-14,SMH200-14,BK,1007#26,SJ 04-01-583	SA
3	BN39-00605B	CIS	LEAD CONNECTOR	RE32* ,UL1061#28,12/16P,300mm,#28,12507HS-12L,12507HS-15L,BK,1061#28,SJ 04-01-580	SA
3	BN39-00606A	CIS	LEAD CONNECTOR	RE32* ,UL1061#28,8P/6,4P,500mm,#26,12507HS-08L,12507HS-06L,04L,BK,1061#28,SJ 04-0	SA
3	BN61-01520A	-	HOLDER-SUB PCB	32" ROME,ABS V0	SNA
3	BN61-01523A	-	BRACKET-GUIDE STAND	32" ROME,SECC,T1.0	SNA
3	BN61-01525A	-	BRACKET-STAND LINK	32" ROME,SECC,T1.6	SNA
3	BN61-01526A	-	BRACKET-PANEL TOP	32" ROME,SECC,T1.2	SNA
3	BN61-01527A	-	BRACKET-PANEL SIDE	32" ROME,SECC,T1.2,RIGHT	SNA
3	BN61-01528A	-	BRACKET-PANEL SIDE	32" ROME,SECC,T1.2,LEFT	SNA
3	BN61-01529A	-	BRACKET-PANEL BOTTOM	32" ROME,SECC,T1.6	SNA
3	BN61-01530A	-	BRACKET-GUIDE POWER	32" ROME,SECC,T1.2,RIGHT	SNA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
3	BN61-01531A	-	BRACKET-GUIDE POWER	32" ROME,SECC,T1.2,LEFT	SNA
3	BN61-01532A	-	BRACKET-GUIDE MAIN	32" ROME,SECC,T1.2	SNA
3	BN96-00589B	CIS	ASSY MISC P-INLET	NAPLES,Inlet(BN39-00494A),Bracket(BN61-00352A),Screw(6003-001010)	SNA
3	BN96-01734A	-	ASSY SHIELD P-PCB	32" ROME,SECC,T0.5,READY(NT/PAL)	SNA
4	BN63-01677A	-	SHIELD-PCB SMPS	32" ROME,SECC,T0.5	SNA
4	BN63-01678A	-	SHIELD-PCB MAIN	32" ROME,SECC,T0.5,READY(NT/PAL)	SNA
2	BN91-00826A	-	ASSY CHASSIS	RE23*	SA
2	BN92-01044V	-	ASSY LABEL	LM	SNA
3	AA68-00511C	LABEL	LABEL-00,TSXT	J57A,T/P,75.22,SRS	SNA
3	AA68-01070A	LABEL	LABEL-01,MODEL	:A/P,;30.20,;,-,ALL MODEL,-	SNA
3	BN68-00614A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90*45,BLK,POLYESTER,NO SILK	SNA
2	BN92-01288A	-	ASSY ACCESSORY	ROME	SNA
3	BN96-01719S	UNIT/ACCESSORY	ASSY ACCESSORY	ROME	SA
4	3903-000145	ACCESSORY	CBF-POWER CORD	DT,EU,FP3/YES,U(IEC C13-RA),250/250V,10-16/10A,BLK,1830MM,-,H05VV-F 3X1.0MM ² ,FL	SA
4	4301-000103	ACCESSORY	BATTERY-ALKALINE	1.5V,750mAH,AAA,10.5x44.5mm,-	SA
4	6801-001014	ACCESSORY	CARD-REGISTRATION	XEU,ENG,MOJ O100,L150,W392,-,-	SNA
4	6801-001015	ACCESSORY	CARD-REGISTRATION	XEG,GERMAN,MOJ O100,L150,W392,-,-	SNA
4	6801-001016	ACCESSORY	CARD-REGISTRATION	XEF,FRENCH,MOJ O100,L150,W392,-,-	SNA
4	6801-001017	ACCESSORY	CARD-REGISTRATION	XEC,SPANISH,MOJ O100,L150,W392,-,-	SNA
4	6801-001018	ACCESSORY	CARD-REGISTRATION	XET,ITALY,MOJ O100,L150,W392,-,-	SNA
4	6801-001019	ACCESSORY	CARD-REGISTRATION	XEN,DUTCH,MOJ O100,L150,W392,-,-	SNA
4	6801-001020	ACCESSORY	CARD-REGISTRATION	XEP,PORTUGAL,MOJ O100,L150,W392,-,-	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28.2,PE MARK	SNA
4	AA39-00171A	ACCESSORY	CBF SIGNAL	,1P,3C-2C,2100mm,-,BLK,DIN,-,-	SA
4	AA68-00291A	ACCESSORY	MANUAL-S/NETWORK	-,SPANISH-,B5,W/P100G,-	SNA
4	AA68-01092B	ACCESSORY	MANUAL-S/NETWORK	,ITA,B5,W/P100(G),1,1P	SNA
4	AA68-03242B	00	MANUAL-WARRANTY CARD	TH-ENG,SAFETY GUIDE	SNA
4	BN59-00455A	ACCESSORY	REMOCON	ROME,TM76B,210*58*21,ZILOG,46,G6148,EX,NT,ROME,America	SNA
4	BN63-01674A	ACCESSORY	COVER-BOTTOM	32" ROME,ABS,V0,GR503	SNA
4	BN68-00514A	ACCESSORY	MANUAL-03,WARRANTY CARD	PDP/LCD TV,EN,FR,DE, ETC,W/P 120g	SNA
4	BN69-00350A	ACCESSORY	BOX-00,ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230	SNA
4	BN96-01800A	ACCESSORY	ASSY ACCESSORY	ROME32,SCREW	SNA
5	6002-001294	ST+SE	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
2	BN92-01289A	-	ASSY P/MATERIAL	RE32	SNA
3	6902-000379	-	BAG AIR	HDPE,T0.2,1800,W1000,TRP,,PAPER	SNA
3	6902-000519	-	BAG PE	HDPE/NITRON(DOUBLE),T0.015/T0.05(DOUBLE),W1000,L700,TRP,28,LANGUAGE,2	SNA
3	6902-000604	-	BAG WRAPPING	LDPE,T0.02,W500,L10000,TRP,-,-	SNA
3	BH69-00457B	-	PACKING-PAD BOTTOM	GH15,FOAM,T3.0,930,1000	SNA
3	BH69-40321C	-	PACKING-EDGE	SW4/YEL,2030*140,-,CGC5637(HP)	SNA
3	BH69-40383J	-	PACKING-PAD/TOP	CB-SW4,960*760,-,CGE7507	SNA
3	BN69-00617R	-	PALLET-WOODEN	ROME 32" ,WOODEN,920,770,120,2 WAY TYPE	SNA
3	BN69-00933A	-	CUSHION-SET	32" ROME,EPS,50M	SNA
2	BN92-01290A	-	ASSY BOX	RE32EO	SNA
3	AA68-50502A	BOX	LABEL-00,CONFORMATION	W/P100(G),CTV,ITALY,170x110,BL	SNA
3	BH68-00329D	BOX	LABEL BAR CODE-01	NO CE,NO WT" Y,MPRII,LABEL-BARCODE,MOJ O 90G,90,95,WHT	SNA
3	BN69-00953A	-	BOX-SET	ROME 32" ,DW3,YEL,A-1,W900* D230" H755	SNA

7-3 LE40R51B Others

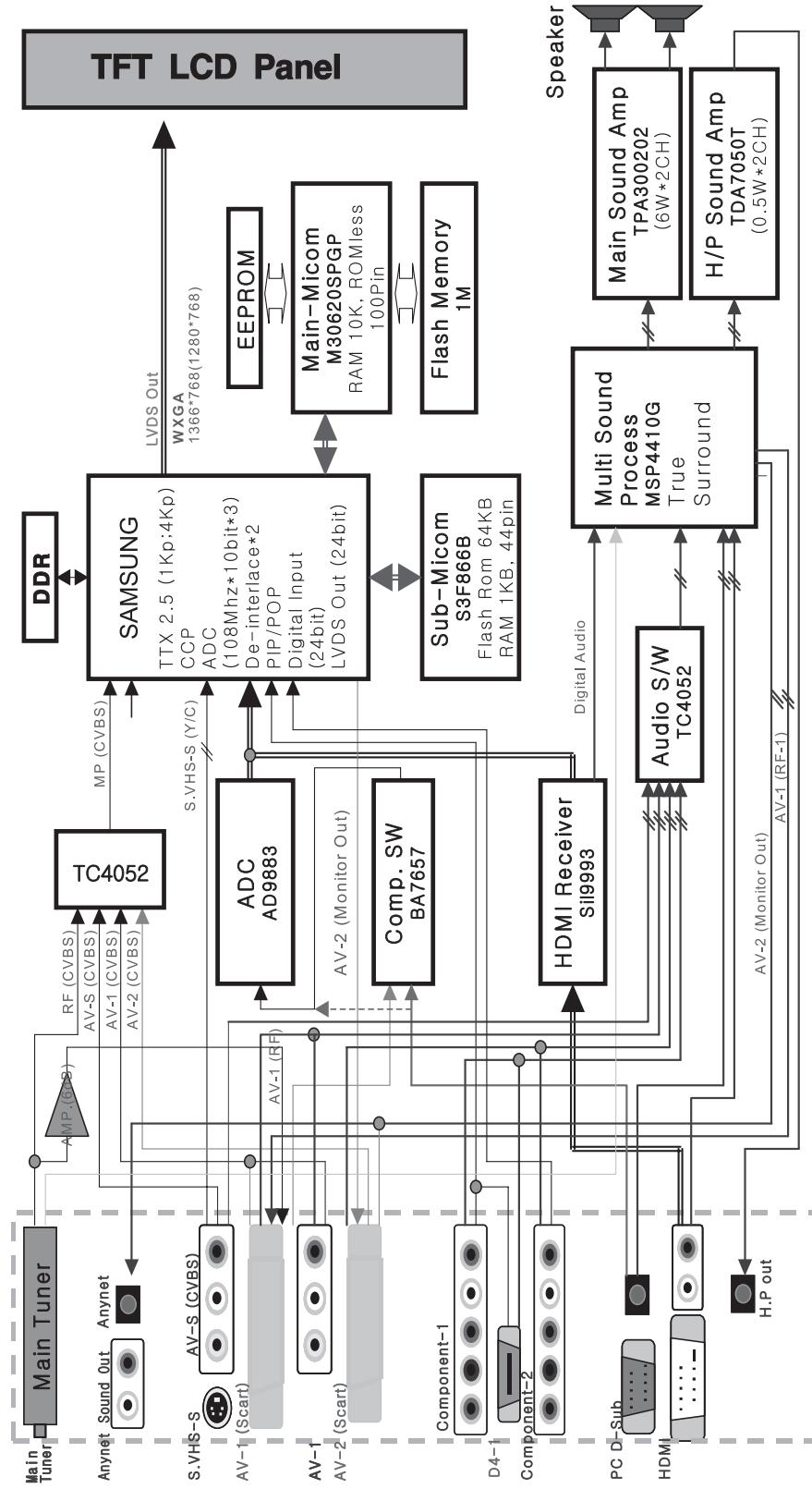
Level	Loc. No.	Code No.	Description	Specification	Remarks
2	BN90-00689A	-	ASSY COVER FRONT	RE40EO	SNA
3	6003-001003	C/M+C/F	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	I/P+C/M	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6003-001003	P/S+C/M	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6006-001096	SPK+C/M	SCREW-TAPITITE	WP,BH,+,M4.0,L12,BLK,SWRCH18A	SNA
3	BN96-01793A	-	ASSY COVER P-FRONT	RE40EO,ABS HB,BK07,RHCM	SNA
4	AA61-60003A	-	SPRING ETC-CS	-,SUS304,-,OD7,N7,OD7,-,-,	SNA
4	BN63-01637A	-	COVER-FRONT	40" ROME,ABS HB,BLK,RHCM	SNA
4	BN64-00342A	-	KNOB POWER	40" ROME,PC,VIOLET	SNA
4	BN64-00343A	-	WINDOW-RMC	40" ROME,PC,CLEAR	SNA
4	BN64-00346A	-	KNOB-DECORATION	40" ROME,AL,T0.5,POWER	SNA
4	BP64-00177A	-	BADGE-BRAND	ALL,AL,T1.5,70,11.3,BLK,SILIVER,SAMSUNG(G/S)	SNA
3	BN96-01794A	-	ASSY COVER P-MIDDLE	40" ROME,ABS V0,GR70,SV-012P	SNA
4	6003-001003	K/C+C/M	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01489A	-	GUIDE-CONTROL	40" ROME,ABS+PC,GR70	SNA
4	BN63-01638A	-	COVER-MIDDLE	40" ROME,ABS,V0,GR503	SNA
4	BN64-00340A	-	KNOB-DECORATION	40" ROME,ABS+PC,GR70,CR COATING	SNA
4	BN64-00341A	-	KNOB CONTROL	40" ROME,ABS+PC,GR70,SV012P	SNA
2	BN90-00690A	-	ASSY COVER REAR	RE40EO	SNA
3	6002-001294	C/R+C/M	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6003-000115	C/J+SU	SCREW-TAPITITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	BN63-01653A	-	COVER-J ACK	40" ROME,ABS,V0,GR503,READY(PAL)	SNA
3	BN96-01795A	-	ASSY COVER P-REAR	40" ROME,HIPS V0,GR503	SNA
4	6003-001003	B/V+REAR	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	6003-001003	HW+REAR	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
4	BN61-01488A	-	HOLDER-WIRE	40" ROME,ABS HB,GR503	SNA
4	BN61-01505A	-	BRACKET-VESA	40" ROME,SECC,T1.6	SNA
4	BN63-01639A	-	COVER-REAR	40" ROME,HIPS,V0,GR503	SNA
2	BN90-00691A	-	ASSY STAND	RE40	SNA
3	6002-001294	ST+SE	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	BN96-01796A	-	ASSY STAND P-BASE	40" ROME,ABS HB,GR70,SV-012P	SNA
4	6002-001294	BR+GU	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
4	6003-001239	BR+CO	SCREW-TAPITITE	FH,+,B,M4,L10,ZPC(YEL),SWRCH18A	SA
4	BN61-01494A	-	GUIDE-STAND	40" ROME,ABS	SNA
4	BN61-01506A	-	BRACKET-STAND BOTTOM	40" ROME,SECC,T2.0	SNA
2	BN91-00793S	-	ASSY SHIELD	NEW	SNA
3	6002-001294	B/L+MIDD	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6002-001294	B/S+B/L	SCREW-TAPPING	BH,+,M4,L16,ZPC(BLK)	SA
3	6003-000115	AC+BR	SCREW-TAPITITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	B/G+B/P	SCREW-TAPITITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	M/P+BR	SCREW-TAPITITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	P/P+BR	SCREW-TAPITITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000115	SH+BR	SCREW-TAPITITE	BH,+,B,M3,L6,ZPC(BLK),SWRCH18A,-	SNA
3	6003-000133	B/P+PA	SCREW-TAPITITE	BH,+,B,M4,L8,ZPC(BLK),SWRCH18A,-	SNA
3	6003-001003	BR+C/M	SCREW-TAPITITE	BH,+,B,M4,L12,ZPC(BLK),SWRCH18	SNA
3	6006-000245	GROUND	SCREW-MACHINE	WSP,PH,+,M4,L8,ZPC(YEL),SWRCH1	SNA
3	BH39-00362B	CIS	LEAD CONNECTOR	RE32* *,UL1007#26,5P,150mm,#26,SMH200-05,BK,1007#26,SJ 04-01-532	SA
3	BN39-00028G	CIS	LEAD CONNECTOR	RE40* *,UL1007#26,14P,200mm,#26,SMH200-14,BK,1007#26	SA
3	BN39-00046A	CIS	CBF-HARNESS	3P,70MM,BLU/WHT/GRY,UL1007,AWG26,SMH250-03	SA
3	BN39-00588B	CIS	LEAD CONNECTOR	RE32* *,UL2027#30,30P,300mm,#30,FI-E30HL,12507HS-30L,BK,2027#30,SJ 04-01-532	SA
3	BN39-00603A	CIS	LEAD CONNECTOR	RE40* *,UL1007#26,UL,14P,250mm,#26,PHR-14,SMH200-14,BK,1007#26	SA
3	BN39-00604A	CIS	LEAD CONNECTOR	RE40* *,UL1007#26,14P,600mm,#26,PHR-14,SMH200-14,BK,1007#26,TUBE	SA
3	BN39-00605A	CIS	LEAD CONNECTOR	RE40* *,UL1061#28,12/15P,400mm,#28,12507HS-12L,12507HS-15L,BK,1061#28	SA
3	BN39-00606A	CIS	LEAD CONNECTOR	RE32* *,UL1061#28,8P,64P,500mm,#26,12507HS-08L,12507HS-06L,04L,BK,1061#28,SJ 04-01-532	SA
3	BN61-01497A	-	BRACKET-GUIDE MAIN	40" ROME,SECC,T1.2	SNA
3	BN61-01498A	-	BRACKET-GUIDE POWER	40" ROME,SECC,T1.2,LEFT	SNA
3	BN61-01499A	-	BRACKET-GUIDE POWER	40" ROME,SECC,T1.2,RIGHT	SNA
3	BN61-01500A	-	BRACKET-PANEL BOTTOM	40" ROME,SECC,T1.6	SNA
3	BN61-01501A	-	BRACKET-PANEL SIDE	40" ROME,SECC,T1.2,LEFT	SNA
3	BN61-01502A	-	BRACKET-PANEL SIDE	40" ROME,SECC,T1.2,RIGHT	SNA
3	BN61-01503A	-	BRACKET-PANEL TOP	40" ROME,SECC,T1.2	SNA
3	BN61-01504A	-	BRACKET-STAND LINK	40" ROME,SECC,T1.6	SNA
3	BN61-01507A	-	BRACKET-GUIDE STAND	40" ROME,SECC,T1.0	SNA
3	BN96-01797A	-	ASSY SHIELD P-PCB	40" ROME,SECC,T0.5,READY(NT/PAL)	SNA

7 Electrical Parts List

Level	Loc. No.	Code No.	Description	Specification	Remarks
4	BN63-01647A	-	SHIELD-PCB MAIN	40" ROME,SECC,T0.5,READY	SNA
4	BN63-01649A	-	SHIELD-PCB SMPS	40" ROME,SECC,T0.5	SNA
2	BN91-00826D	-	ASSY CHASSIS	NEW	SNA
2	BN92-01044V	-	ASSY LABEL	LM	SNA
3	AA68-00511C	LABEL	LABEL-00,TSXT	J57A,T/P,75,22,SRS	SNA
3	AA68-01070A	LABEL	LABEL-01,MODEL	-A/P,30,20,,-,ALL MODEL,-	SNA
3	BN68-00614A	LABEL	LABEL RATING-00	ALL,SS,PE,T0.05,90* 45,BLK,POLYESTER,NO SILK	SNA
	BN92-01288B	-	ASSY ACCESSORY	ROME	SNA
3	BN96-01719T	UNIT/ACCESSORY	ASSY ACCESSORY	ROME	SA
4	3903-000145	ACCESSORY	CBF-POWER CORD	DT,EU,FP3/YES,U(IEC C13-RA),250/250V,10-16/10A,BLK,1830MM,-,H05VV-F 3X1.0MM ² ,FL	SA
4	4301-000103	ACCESSORY	BATTERY-ALKALINE	1.5V,750mAH,AAA,10.5x44.5mm,-	SA
4	6801-001014	ACCESSORY	CARD-REGISTRATION	XEU,ENG,MOJ O100,L150,W392,-	SNA
4	6801-001015	ACCESSORY	CARD-REGISTRATION	XEG,GERMAN,MOJ O100,L150,W392,-	SNA
4	6801-001016	ACCESSORY	CARD-REGISTRATION	XEF,FRENCH,MOJ O100,L150,W392,-	SNA
4	6801-001017	ACCESSORY	CARD-REGISTRATION	XEC,SPANISH,MOJ O100,L150,W392,-	SNA
4	6801-001018	ACCESSORY	CARD-REGISTRATION	XET,ITALY,MOJ O100,L150,W392,-	SNA
4	6801-001019	ACCESSORY	CARD-REGISTRATION	XEN,DUTCH,MOJ O100,L150,W392,-	SNA
4	6801-001020	ACCESSORY	CARD-REGISTRATION	XEP,PORTUGAL,MOJ O100,L150,W392,-	SNA
4	6902-000110	ACCESSORY	BAG PE	LDPE,T0.05,L356,W240,TRP,28,2,PE MARK	SNA
4	AA39-00171A	ACCESSORY	CBF SIGNAL	,1P,3C-2C,2100mm,-,BLK,DIN,-,-	SA
4	AA68-00291A	ACCESSORY	MANUAL-SNETWORK	,SPANISH,-,B5,W/P100G,-	SNA
4	AA68-01092B	ACCESSORY	MANUAL-SNETWORK	,ITA,B5,W/P100(G),1,1P	SNA
4	AA68-03242B	00	MANUAL-WARRANTY CARD	TH-ENG,SAFETY GUIDE	SNA
4	BN59-00455A	ACCESSORY	REMOCON	ROME,TM76B,210* 58* 21,ZILOG,46,G6148,EX,NT,ROME,America	SNA
4	BN63-01640A	ACCESSORY	COVER-BOTTOM	40" ROME,ABS,V0,GR503	SNA
4	BN68-00514A	ACCESSORY	MANUAL-03,WARRANTY CARD	PDP/LCD TV,EN,FR,DE, ETC,W/P 120g	SNA
4	BN69-00350A	ACCESSORY	BOX-00,ACCESSORY	AL29NO/AO,CB SW-1,YEL,KSD-21,60,300,230	SNA
2	BN92-01291A	-	ASSY P/MATERIAL	RE40	SNA
3	6902-000061	-	BAG AIR	LDPE,T0.2,L1000,W500,TRP,,	SNA
3	6902-000379	-	BAG AIR	HDPE,T0.2,L1800,W1000,TRP,,PAPER	SNA
3	6902-000524	-	BAG PE	HDPE/NITRON(DOUBLE),T0.015/T0.05(DOUBLE),W1200,L1200,TRP,28,LANGUAGE,2-	SNA
3	6902-000604	-	BAG WRAPPING	LDPE,T0.02,W500,L10000,TRP,-	SNA
3	AA61-20285A	-	HOLDER-BOX	3456,PP,-,-,WHT,VO	SNA
3	AA69-02609A	-	BAND-PP	W18,CLEA,1G	SNA
3	BH69-00457B	-	PACKING-PAD BOTTOM	GH15,FOAM,T3.0,930,1000	SNA
3	BH69-40321B	-	PACKING-PAD	SW4/YEL,W1960* L140,-,CQM4307/C	SNA
3	BH69-40358A	-	PACKING-PAD TOP(SKD)	CB-SW4,W815* L1154,200G,CQM5307	SNA
3	BN69-00617Q	-	PALLET-WOODEN	ROME 40" ,WOODEN,1120,850,120,2 WAY TYPE	SNA
3	BN69-00931A	-	CUSHION-SET	40" ROME,EPP,50M	SNA
2	BN92-01292A	-	ASSY BOX	RE40E0	SNA
3	AA68-50502A	BOX	LABEL-00,CONFORMATION	W/P100(G),CTV,ITALY,170x110,BL	SNA
3	AA68-50509A	-	LABEL-00,BOX	ALL MODEL,A/P 90(G),250,90	SNA
3	BN69-00943A	-	BOX-SET,IN	ROME 40" ,DW3,YEL,C-3,W1085* D388* H325	SNA
3	BN69-00944A	-	BOX-SET,OUT	ROME 40" ,DW3,YEL,C-3,W1104" D407" H928	SNA

8 Block Diagram

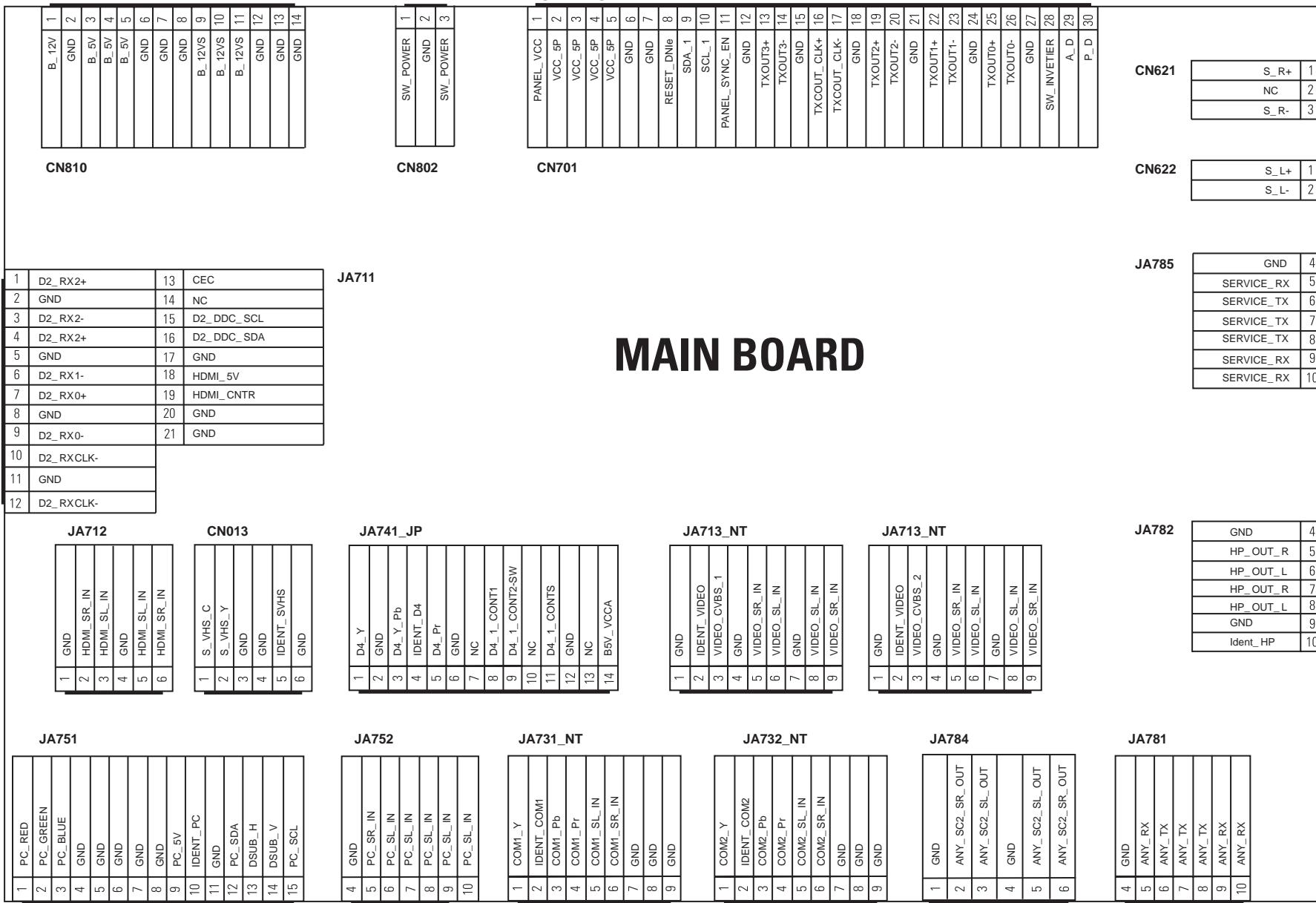
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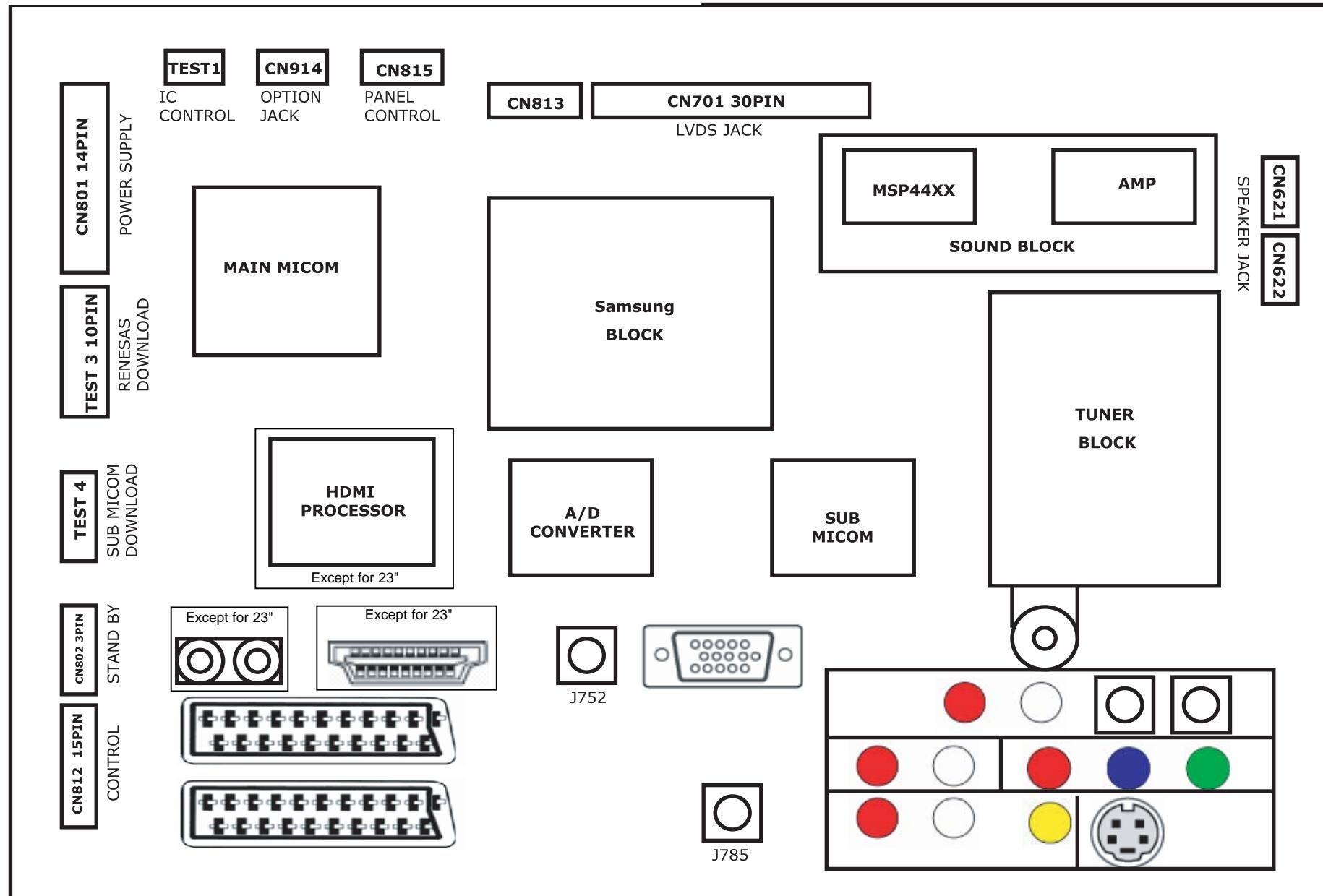
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9 Wiring Diagram

9-1 LE23R51B, LE26R51B, LE32R51B, LE40R51B Wiring Diagram



9-2 Main Board Layout



9-2 PIN characteristic

CN801- Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	12V	GND	5V	5V	5V	GND	GND	GND	12VS	12VS	12VS	GND	GND	GND

FUNCTION DEFINE:

-- 12V B5V_VCCA B5V_VCCB IC611 POWER SUPPERLY
 -- 5V B5V B3,3V B2,5V_VDD B3,3VD VCC50
 -- 12VS B12VS

CN802-stand by supply

PIN	1	2	3
NAME	POWER	GND	SW_POWER
VOLTAGE	6V	0V	ON/OFF

FUNCTION DEFINE:

-- POWER 6V STAND BY 5V , Sub-MICOM power supply
 -- SW_POWER L: Power OFF , H: Power ON

CN621/CN622-SPEAKER CONNECTOR

PIN	1	2	3	PIN	1	2
NAME	R-OUT	NOP	R-REFERENCE	NAME	L-OUT	L-REFERENCE

CN812-Front control

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
NAME	GND	GND	A5V	-	KEY INPUT1	KEY INPUT2	GND	-	IR	-	LED_GREEN	LED_RED	GND	SDA	SCL

FUNCTION DEFINE:

-- A5V Front control board power supply
 -- KEY INPUT1,2/SDA/SCL key control, form the Menu , channel up/down Etc.
 -- IR remote control signal
 -- LED_GREEN/LED_RED control the timing and standby LED color

CN815-panel control

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

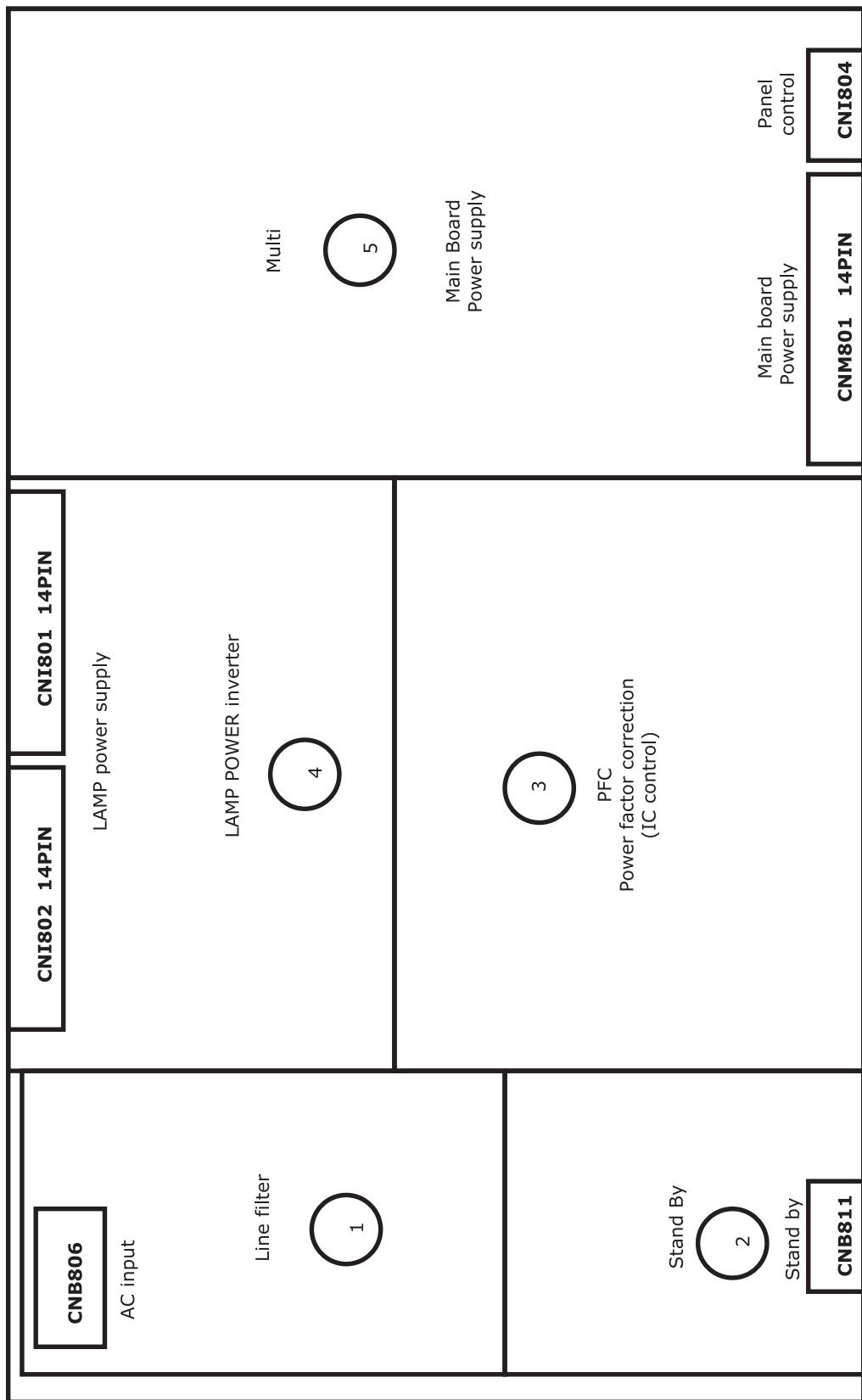
FUNCTION DEFINE:

-- SW_inverter panel inverter control, about 5V
 -- Ana_dimming panel dimming control
 -- PWM_dimming panel PWM control, duty 40%~90%
 -- SENSOR POWER brightness sensor power supply

CN702-LVDS Signal

PIN	NAME	PIN	NAME
1	VCC	16	TXOUTCLK+
2	VCC5P	17	TXOUTCLK-
3	VCC5P	18	GND
4	VCC5P	19	TXOUT2+
5	VCC5P	20	TXOUT2-
6	GND	21	GND
7	GND	22	TXOUT1+
8	NOP (NOT USE)	23	TXOUT1-
9	SDA1	24	GND
10	SCL1	25	TXOUT0+
11	PANEL_SYNC_EN	26	TXOUT0-
12	GND	27	GND
13	TXOUT3+	28	SW_INVERTER
14	TXOUT3-	29	ANA_DIMMING
15	GND	30	PWM_DIMMING

9-3 Power Board Layout



9 Wiring Diagrams

CNB811-stand by supply

PIN	1	2	3
NAME	POWER	GND	SW_POWER
VOLTAGE	6V	0V	ON/OFF

FUNCTING DEFINE:

Refer to: CN802 function define

CNM801- Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	12V	GND	5V	5V	5V	GND	GND	GND	12V	12V	12V	GND	GND	GND

FUNCTING DEFINE:

Refer to: CN801 function define

CNI804-panel control

PIN	1	2	3	4	5
NAME	SW_inverter	Ana_dimming	PWM_dimming	GND	SENSOR POWER

FUNCTING DEFINE:

Refer to: CN815 function define

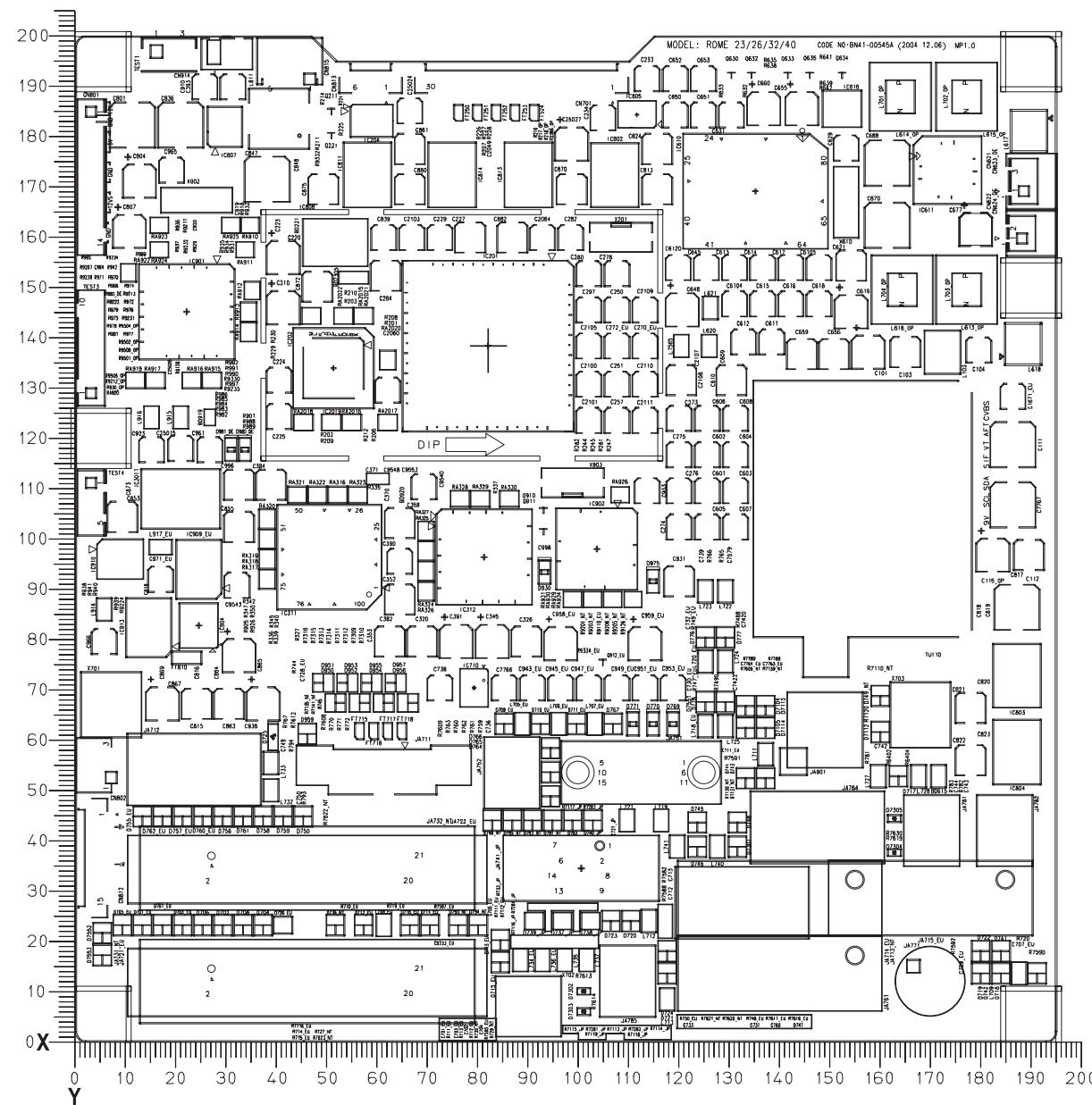
CNI801- Main Board power supply

PIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14
NAME	24V	24V	24V	24V	24V	GND	GND	GND	GND	GND	GND	B/L	A_D	P_D

FUNCTING DEFINE:

--24V LAMP INVERTER Voltage
 --B/L Brightness sensor power
 --A_D ANA_DIMMING
 --P_D PWM_DIMMING

10 PCB Layout



Loc. No.	Description		
DIODE			
D101	DIODE-SWITCHING	175.2	138.4
D102	DIODE-ZENER	166.0	118.4
D210	DIODE-ZENER	99.0	130.8
D211	DIODE-ZENER	100.2	146.6
D212	DIODE-ZENER	105.8	145.6
D213	DIODE-ZENER	104.2	130.8
D214	DIODE-ZENER	109.4	130.8
D215	DIODE-ZENER	108.8	145.6
D216	DIODE-ZENER	102.4	123.2
D217	DIODE-ZENER	107.6	122.8
D617	DIODE-ZENER	138.4	191.6
D620	DIODE-ZENER	160.0	172.8
D621	DIODE-ZENER	144.0	187.0
D622	DIODE-ARRAY	144.0	191.6
D701_EU	DIODE-ZENER	13.2	23.2
D702	DIODE-ZENER	29.2	23.2
D703_EU	DIODE-ZENER	21.2	23.2
D704	DIODE-ZENER	37.2	23.2
D705_EU	DIODE-ZENER	9.2	23.2
D706	DIODE-ZENER	25.2	23.2
D707_EU	DIODE-ZENER	17.2	23.2
D708	DIODE-ZENER	33.2	23.2
D709_EU	DIODE-SWITCHING	85.2	63.2
D710_EU	DIODE-SWITCHING	92.4	63.2
D7102	DIODE-SWITCHING	76.0	45.6
D7103	DIODE-SWITCHING	76.0	50.0
D7104	DIODE-SWITCHING	133.2	66.8
D7105	DIODE-SWITCHING	133.2	62.4
D7108	DIODE-ZENER	46.0	50.4
D7109	DIODE-ZENER	46.0	56.0
D711_EU	DIODE-SWITCHING	99.6	63.2
D7110	DIODE-ZENER	42.0	50.4
D7111	DIODE-ZENER	42.0	56.0
D7112	DIODE-ZENER	160.0	61.6
D7113	DIODE-SWITCHING	137.2	66.8
D7114	DIODE-SWITCHING	137.2	62.4
D712_EU	DIODE-SWITCHING	57.2	23.2
D713_EU	DIODE-ZENER	84.4	20.2
D714_EU	DIODE-ZENER	70.4	23.2
D715_EU	DIODE-ZENER	84.4	15.8
D716_EU	DIODE-ZENER	66.4	23.2
D717	DIODE-ZENER	163.6	52.8
D718	DIODE-ZENER	191.2	13.6
D719	DIODE-SWITCHING	180.0	13.6
D720	DIODE-ZENER	110.4	24.0
D721	DIODE-ZENER	117.6	13.6
D722	DIODE-SWITCHING	180.0	18.0

Loc. No.	Description		
DIODE			
D723	DIODE-ZENER	106.4	24.0
D724	DIODE-ZENER	117.6	18.0
D725	DIODE-ZENER	39.2	60.6
D726_EU	DIODE-ZENER	41.2	23.2
D727_EU	DIODE-ZENER	41.8	45.6
D7301	DIODE-ZENER	131.6	38.8
D7302	DIODE-TVS	101.0	10.0
D7303	DIODE-TVS	101.0	6.0
D7304	DIODE-TVS	162.8	37.6
D7305	DIODE-TVS	162.8	44.4
D736_NT	DIODE-ZENER	51.6	23.2
D737_JP	DIODE-ZENER	96.8	24.0
D738_JP	DIODE-ZENER	102.4	24.0
D739_JP	DIODE-ZENER	91.2	24.0
D740_JP	DIODE-ZENER	102.8	44.0
D741	DIODE-SWITCHING	184.0	18.0
D742	DIODE-SWITCHING	184.0	13.6
D743	DIODE-ZENER	137.2	52.4
D744	DIODE-ZENER	133.2	52.4
D745	DIODE-ZENER	123.6	43.6
D746	DIODE-ZENER	123.6	38.8
D747	" C-CER,CHIP"	128.4	42.8
D748	DIODE-ZENER	131.6	43.6
D749_NT	DIODE-ZENER	160.0	68.8
D750	DIODE-ZENER	45.2	44.8
D751	DIODE-ZENER	42.6	71.8
D752	DIODE-ZENER	42.6	67.0
D753_EU	DIODE-ZENER	76.0	54.4
D754_EU	DIODE-ZENER	76.0	58.8
D755_EU	DIODE-ZENER	132	44.8
D7551	DIODE-ZENER	125.2	67.6
D7552	DIODE-ZENER	5.2	21.6
D7553	DIODE-ZENER	5.2	17.2
D756	DIODE-ZENER	29.2	44.8
D757_EU	DIODE-ZENER	21.2	44.8
D758	DIODE-ZENER	37.2	44.8
D759	DIODE-ZENER	41.2	44.8
D760_EU	DIODE-ZENER	25.2	44.8
D761	DIODE-ZENER	33.2	44.8
D762_EU	DIODE-ZENER	17.2	44.8
D763	DIODE-ZENER	98.8	44.0
D764	DIODE-ZENER	94.4	48.8
D765	DIODE-ZENER	94.4	53.6
D766	DIODE-ZENER	94.4	58.4
D767	DIODE-ZENER	106.8	63.2
D768	DIODE-ZENER	118.8	63.2
D769	DIODE-ZENER	114.8	63.2
D770	DIODE-ZENER	110.8	63.2
D771	DIODE-ZENER	110.8	63.2

Loc. No.	Description		
DIODE			
D772	DIODE-ZENER	129.2	93.6
D773	DIODE-ZENER	129.2	89.2
D774	DIODE-ZENER	125.2	89.2
D775	DIODE-ZENER	125.2	93.6
D776	DIODE-ZENER	125.2	80.4
D777	DIODE-ZENER	129.2	80.4
D778	DIODE-ZENER	129.2	67.6
D779	DIODE-ZENER	164.4	53.2
D780	DIODE-ZENER	176.4	53.2
D781	DIODE-ZENER	172.4	53.2
D782	DIODE-ZENER	168.4	53.2
D791_NT	DIODE-SWITCHING	94.8	44.0
D792_NT	DIODE-SWITCHING	90.8	44.0
D793_NT	DIODE-SWITCHING	76.0	23.2
D794_NT	DIODE-SWITCHING	80.0	23.2
D795_NT	DIODE-SWITCHING	86.8	44.0
D796_NT	DIODE-SWITCHING	82.8	44.0
D812	DIODE-RECTIFIER	35.4	182.4
D901	DIODE-ZENER	32.4	110.8
D911	DIODE-ARRAY	85.2	70.4
D912	DIODE-ARRAY	67.2	72.2
D930	DIODE-ZENER	93.2	93.4
D950	DIODE-SWITCHING	51.6	67.4
D951	DIODE-SWITCHING	49.2	71.4
D952	DIODE-SWITCHING	56.4	67.4
D953	DIODE-SWITCHING	54.0	71.4
D954	DIODE-SWITCHING	61.2	67.4
D955	DIODE-SWITCHING	58.8	71.4
D956	DIODE-SWITCHING	66.0	67.4
D957	DIODE-SWITCHING	63.6	71.4
D958	DIODE-ZENER	46.0	61.2
D959	DIODE-ZENER	46.0	61.2
D960	DIODE-ZENER	42.0	61.2
D961	DIODE-ZENER	66.6	66.4
D962	DIODE-ZENER	48.0	69.0
D963	DIODE-ARRAY	112.6	98.6
D964	DIODE-ARRAY	112.6	103.0
D970	DIODE-ZENER	5.2	30.6
D971	DIODE-ZENER	5.2	35.0
D972	DIODE-ZENER	5.2	39.2
D974	DIODE-ZENER	5.2	21.4
D975	DIODE-ZENER	114.8	91.6
D976	DIODE-ARRAY	106.0	88.0
D980_DE	DIODE-ZENER	33.6	117.8
D981_DE	DIODE-ZENER	30.8	117.8
D982_DE	DIODE-ZENER	147.3	182.1
D983_DE	DIODE-ZENER	136.0	182.1

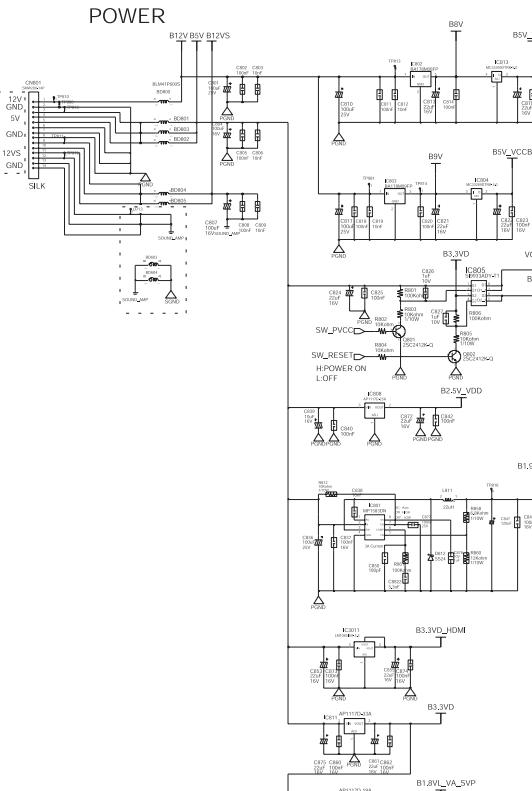
Loc. No.	Description		
DIODE			
D990	DIODE-ZENER	5.2	44.8
IC			
IC201	IC-VIDEO PROCESS	82.0	138.4
IC2019	R-NETWORK	50.8	123.2
IC202	IC-DRAM	51.2	134.0
IC203	IC-ANALOG MULTIPLEX	125.0	133.4
IC204	IC-OP AMP	58.8	183.2
IC3010_EU	IC-CMOS LOGIC	8.4	95.6
IC3011	IC-POS.FIXED REG.	20.8	108.0
IC311	IC-RECEIVER	50.4	96.4
IC312	IC-A/D CONVERTER	81.2	96.4
IC313	IC-CMOS LOGIC	38.4	80.6
IC605	IC-ANALOG MULTIPLEX	133.8	131.2
IC610	IC-SOUND PROCESSOR	135.2	169.2
IC611	IC-AUDIO AMP	173.4	173.4
IC615	IC-AUDIO AMP	135.2	168.0
IC616	IC-VOL. DETECTOR	152.4	185.6
IC710	IC-EEPROM	79.2	70.4
IC712	IC-EEPROM	72.8	70.4
IC801	IC-POS.FIXED REG.	20.0	70.8
IC802	IC-POS.FIXED REG.	107.2	172.4
IC803	IC-POS.FIXED REG.	187.2	72.8
IC804	IC-POS.FIXED REG.	187.2	57.6
IC805	FET-SILICON	111.6	184.4
IC807	IC-SWITCH VOL. REG.	29.6	182.0
IC808	IC-POS.FIXED REG.	51.6	159.0
IC811	IC-POS.FIXED REG.	58.0	172.4
IC812	IC-POS.FIXED REG.	30.4	70.8
IC813	IC-POS.FIXED REG.	90.0	172.4
IC814	IC-POS.FIXED REG.	74.8	172.4
IC901	IC-MICROCOMPUTER	22.0	145.2
IC902	IC-MICROCONTROLLER	103.6	98.0
IC904	IC-CMOS LOGIC	24.4	82.8
IC905	IC-RESET	120.0	91.6
IC906_EU	IC-VIDEO SWITCH	104.8	78.6
IC907	IC-SRAM	20.2	150.8
IC908	IC-FLASH MEMORY	20.0	136.4
IC909_EU	IC-ANALOG SWITCH	24.4	94.0
IC910	IC-EEPROM	8.8	96.0
IC913	IC-ANALOG SWITCH	14.4	82.4
IC920	IC-VOL. DETECTOR	112.8	91.6
IC931	IC-DRIVER/RECEIVER	24.8	110.4
TRANSISTOR			
Q100	TR-SMALL SIGNAL	165.6	137.2
Q1210_EU	TR-SMALL SIGNAL	186.8	128.4
Q1211_EU	TR-SMALL SIGNAL	190.8	128.4

Loc. No.	Description		
DIODE			
Q1212_EU	TR-SMALL SIGNAL	186.8	123.6
Q211	TR-SMALL SIGNAL	50.8	185.6
Q212_EU	TR-SMALL SIGNAL	100.4	136.8
Q213_EU	TR-SMALL SIGNAL	107.6	140.8
Q214_EU	TR-SMALL SIGNAL	107.6	136.8
Q215	TR-SMALL SIGNAL	124.8	149.8
Q216	TR-SMALL SIGNAL	124.8	144.8
Q221	TR-SMALL SIGNAL	50.8	180.8
Q3004_EU	TR-SMALL SIGNAL	8.8	89.6
Q608	TR-SMALL SIGNAL	138.4	187.2
Q610	TR-SMALL SIGNAL	148.8	186.8
Q611	TR-SMALL SIGNAL	128.0	168.8
Q612	TR-SMALL SIGNAL	128.0	164.8
Q615	TR-SMALL SIGNAL	132.8	191.6
Q620	TR-SMALL SIGNAL	152.8	191.6
Q630	TR-SMALL SIGNAL	130.4	192.8
Q631	TR-SMALL SIGNAL	127.2	191.6
Q632	TR-SMALL SIGNAL	134.4	192.8
Q633	TR-SMALL SIGNAL	141.6	192.8
Q634	TR-SMALL SIGNAL	152.4	192.8
Q635	TR-SMALL SIGNAL	146.0	192.8
Q801	TR-SMALL SIGNAL	101.6	177.0
Q802	TR-SMALL SIGNAL	113.6	177.0
Q803	TR-SMALL SIGNAL	4.8	84.8
Q910	TR-SMALL SIGNAL	93.0	106.2
Q911	TR-SMALL SIGNAL	93.0	102.0
Q912_EU	TR-SMALL SIGNAL	104.8	76.0
Q914	FET-SILICON	12.8	117.6
Q915	FET-SILICON	16.8	117.6
Q918	TR-SMALL SIGNAL	19.2	167.2
Q920	FET-SILICON	16.8	109.6
Q921	FET-SILICON	12.8	109.6
Q922	FET-SILICON	143.5	182.1
Q923	FET-SILICON	138.8	182.1
Q930	TR-SMALL SIGNAL	12.8	83.6
Q931	TR-SMALL SIGNAL	152.8	186.8
Q952	TR-SMALL SIGNAL	77.6	70.4
Q960	FET-SILICON	19.2	171.6
Q970	TR-SM		

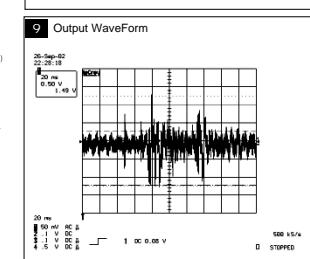
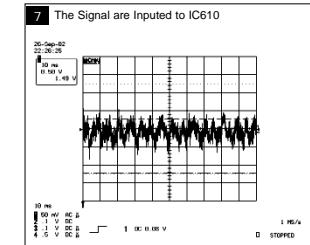
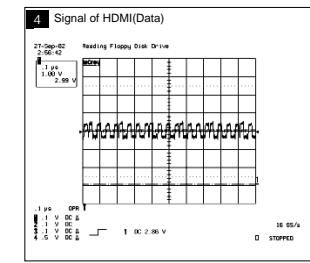
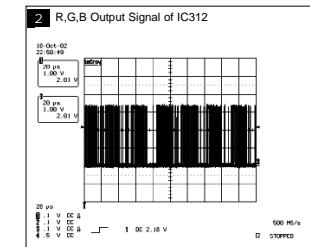
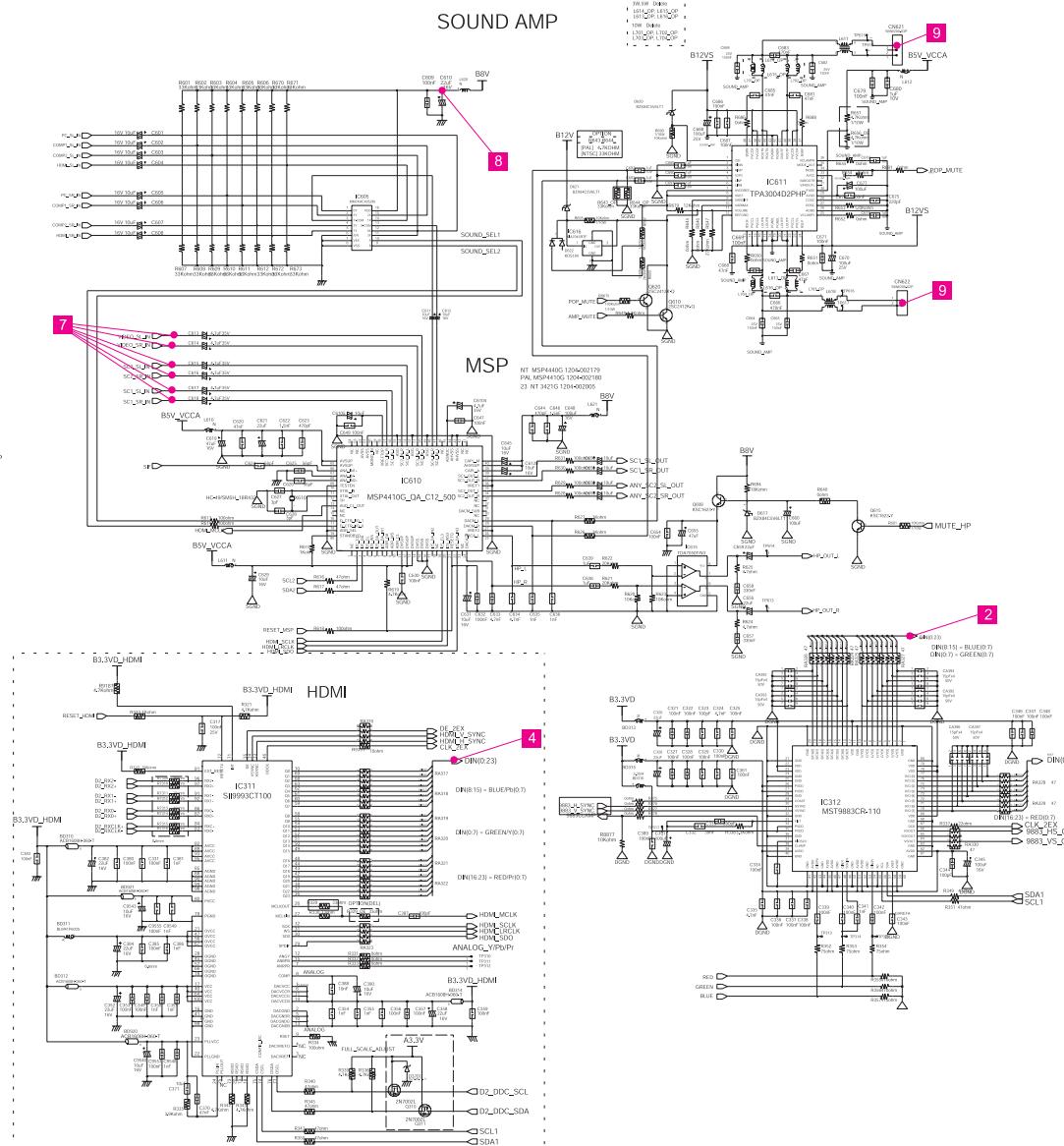
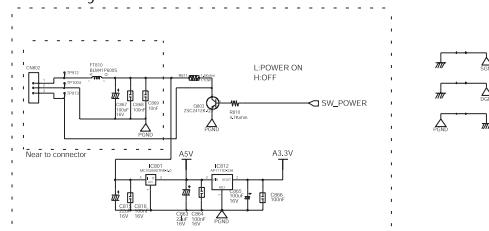
11 Schematic Diagrams

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11-1 Power_Sound Schematic Diagram

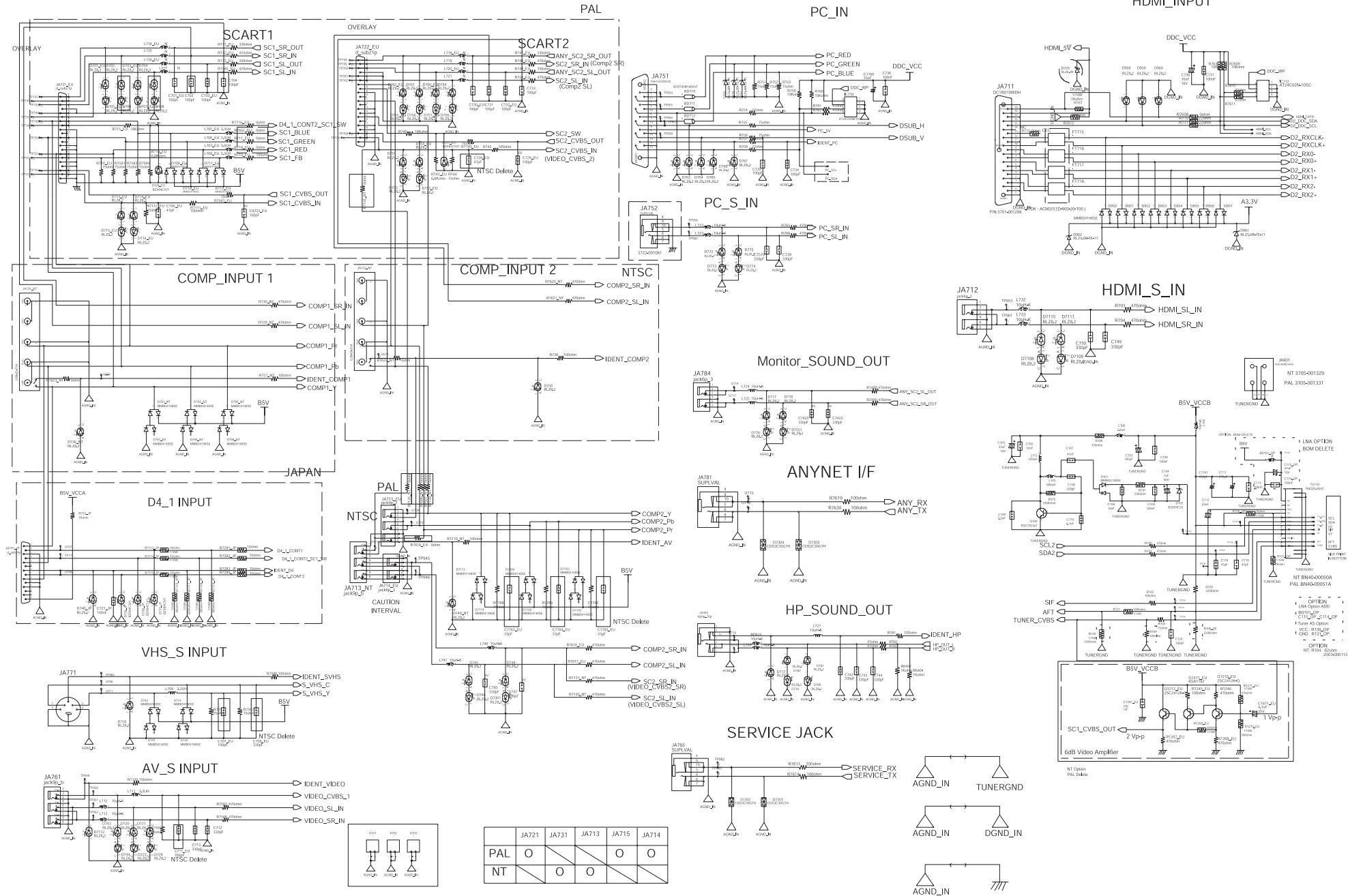


Stand by Power



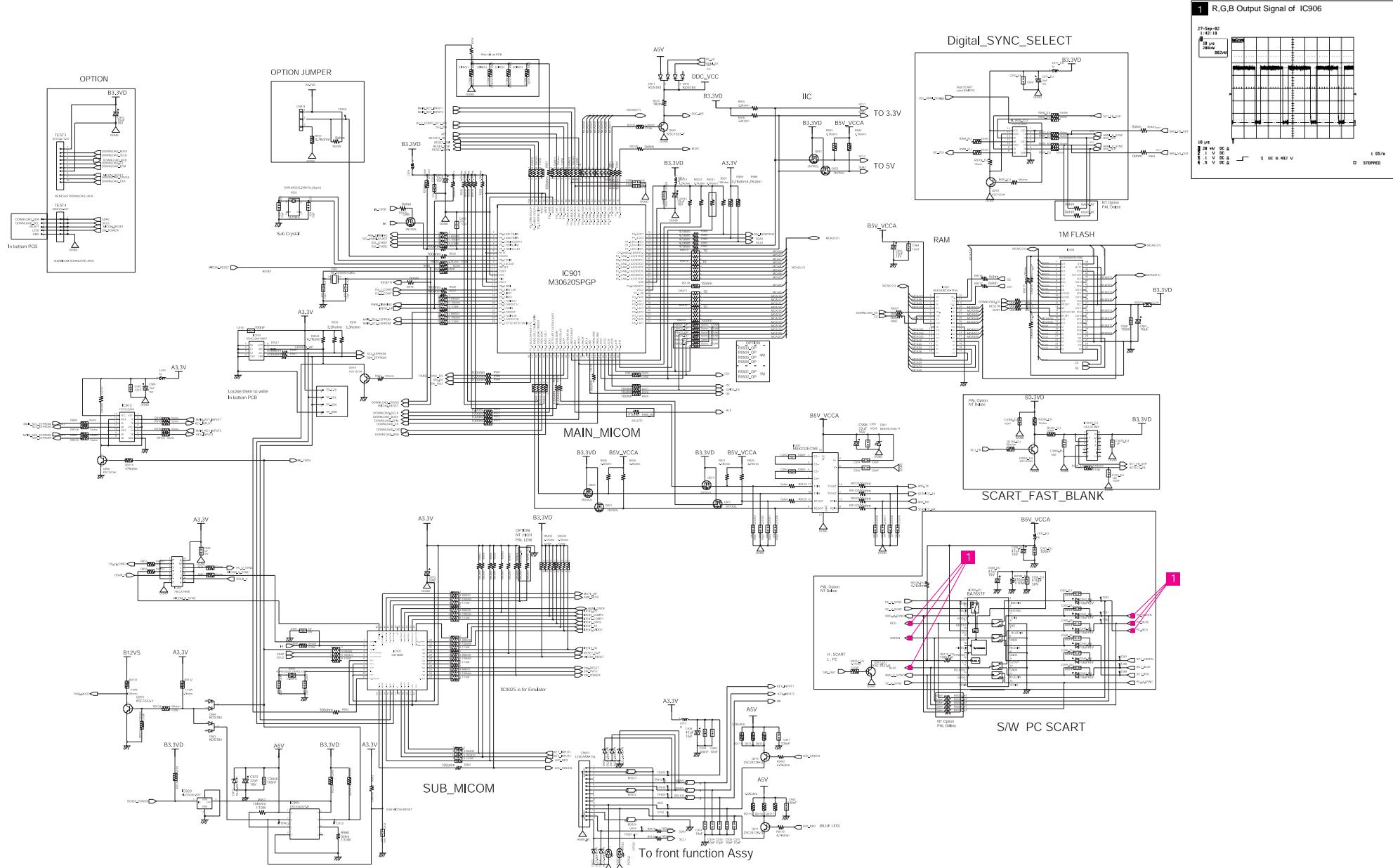
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11-2 In_Out_Jack Schematic Diagram



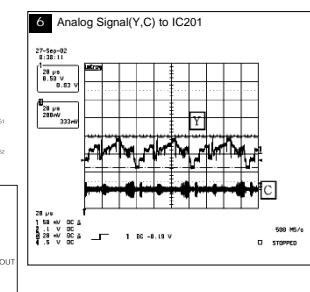
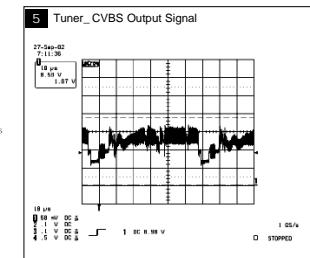
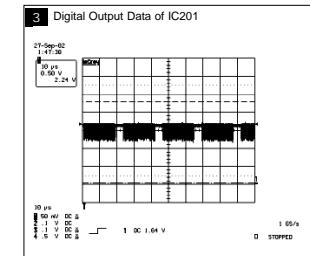
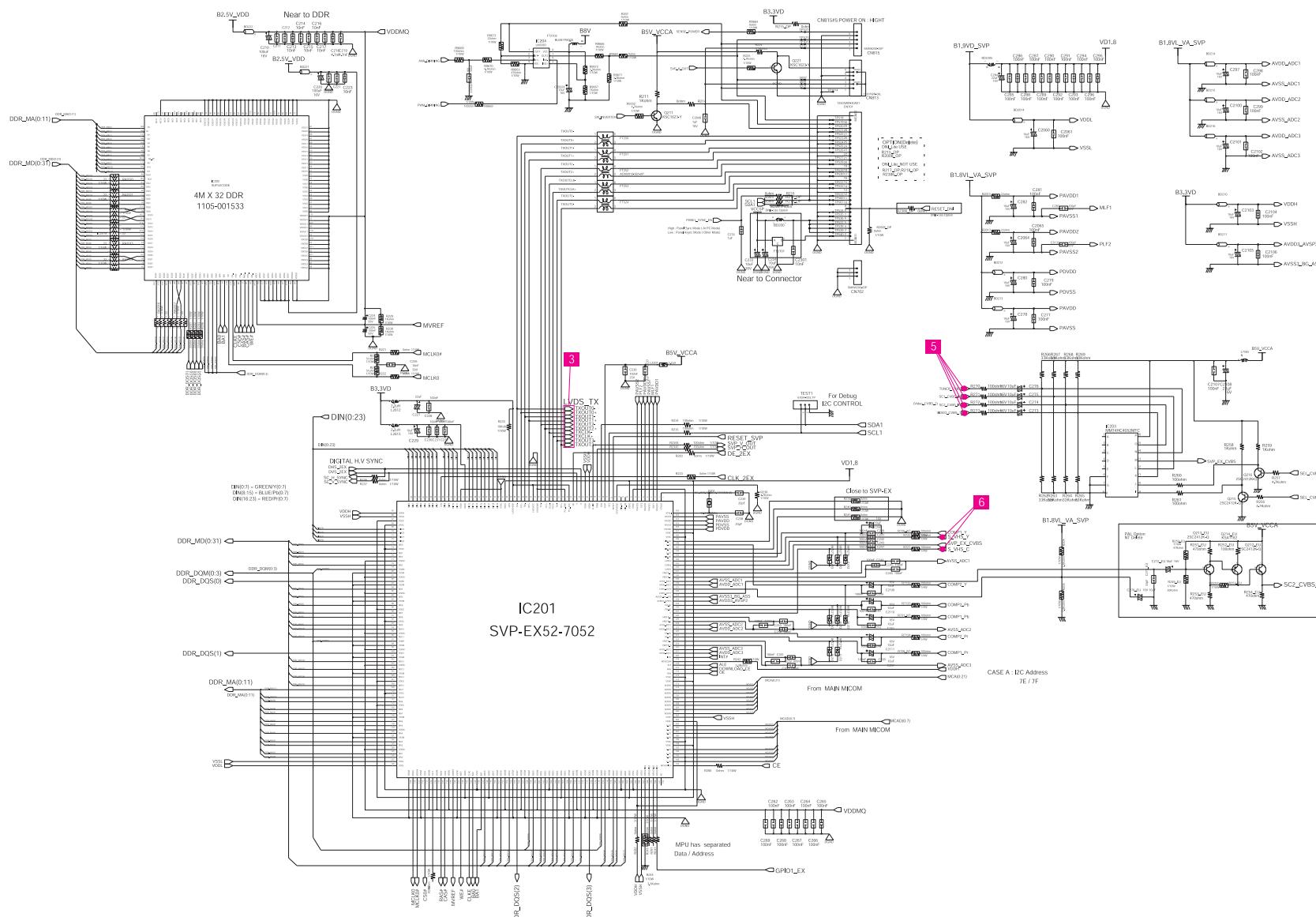
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11-3 MICOM Schematic Diagram



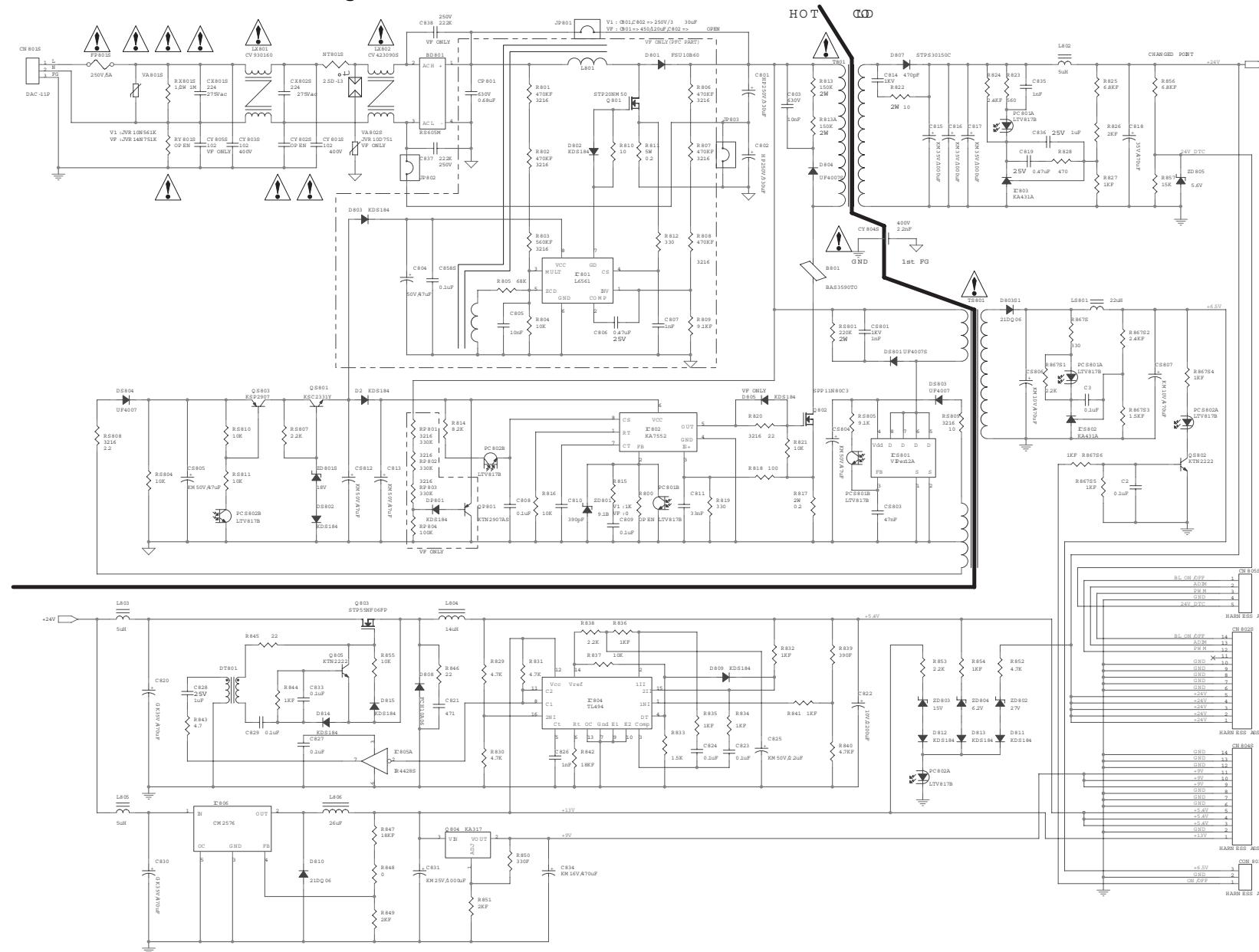
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11-4 SVP_EX Schematic Diagram



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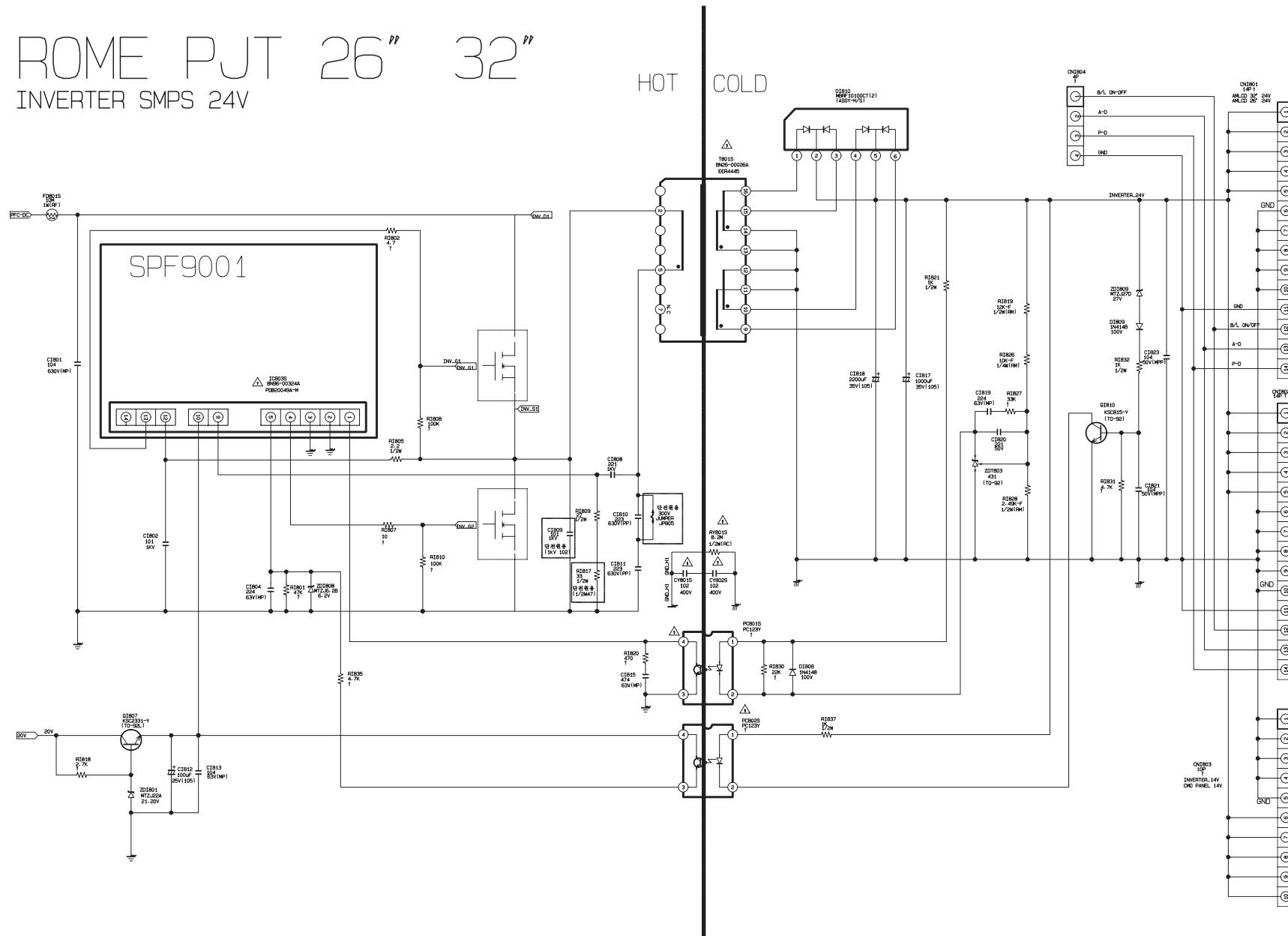
11-5 LCD23VFAX Schematic Diagram(23")



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11-6 INVERTER Schematic Diagram(26", 32")

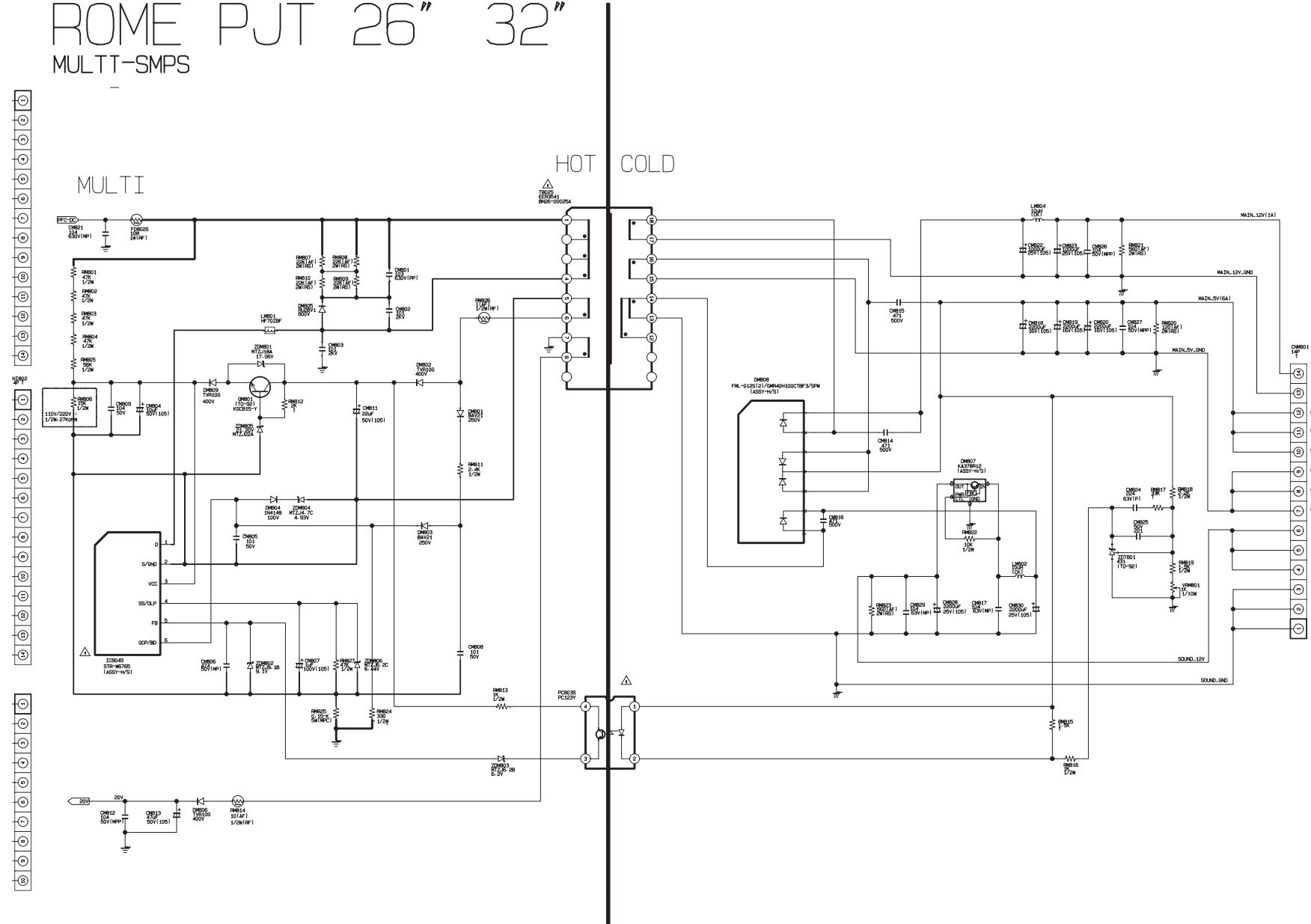
ROME PJT 26" 32"
INVERTER SMPS 24V



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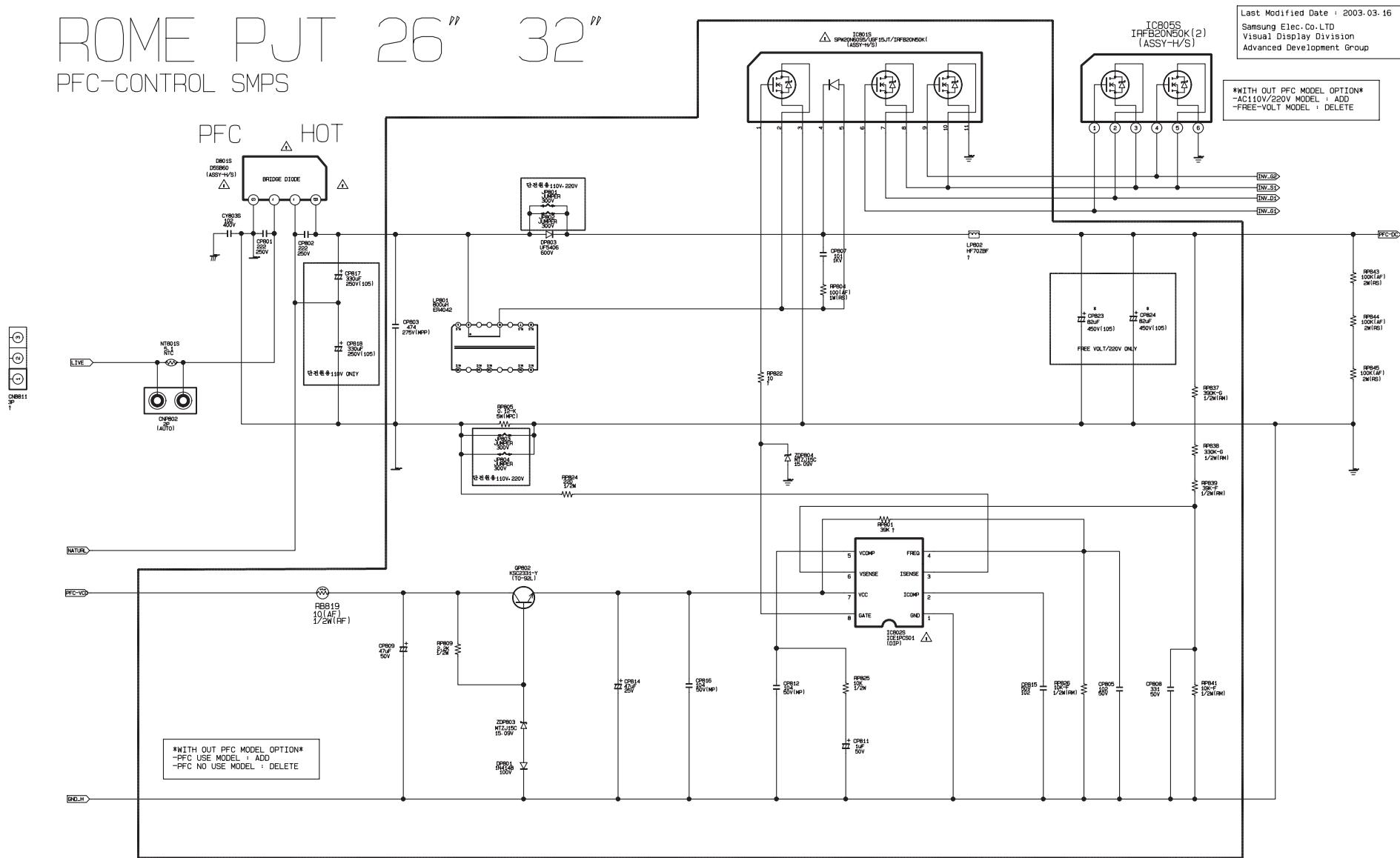
11-7 MULTI_SMPS Schematic Diagram(26", 32")

ROME PJT 26" 32"
MULTI-SMPS



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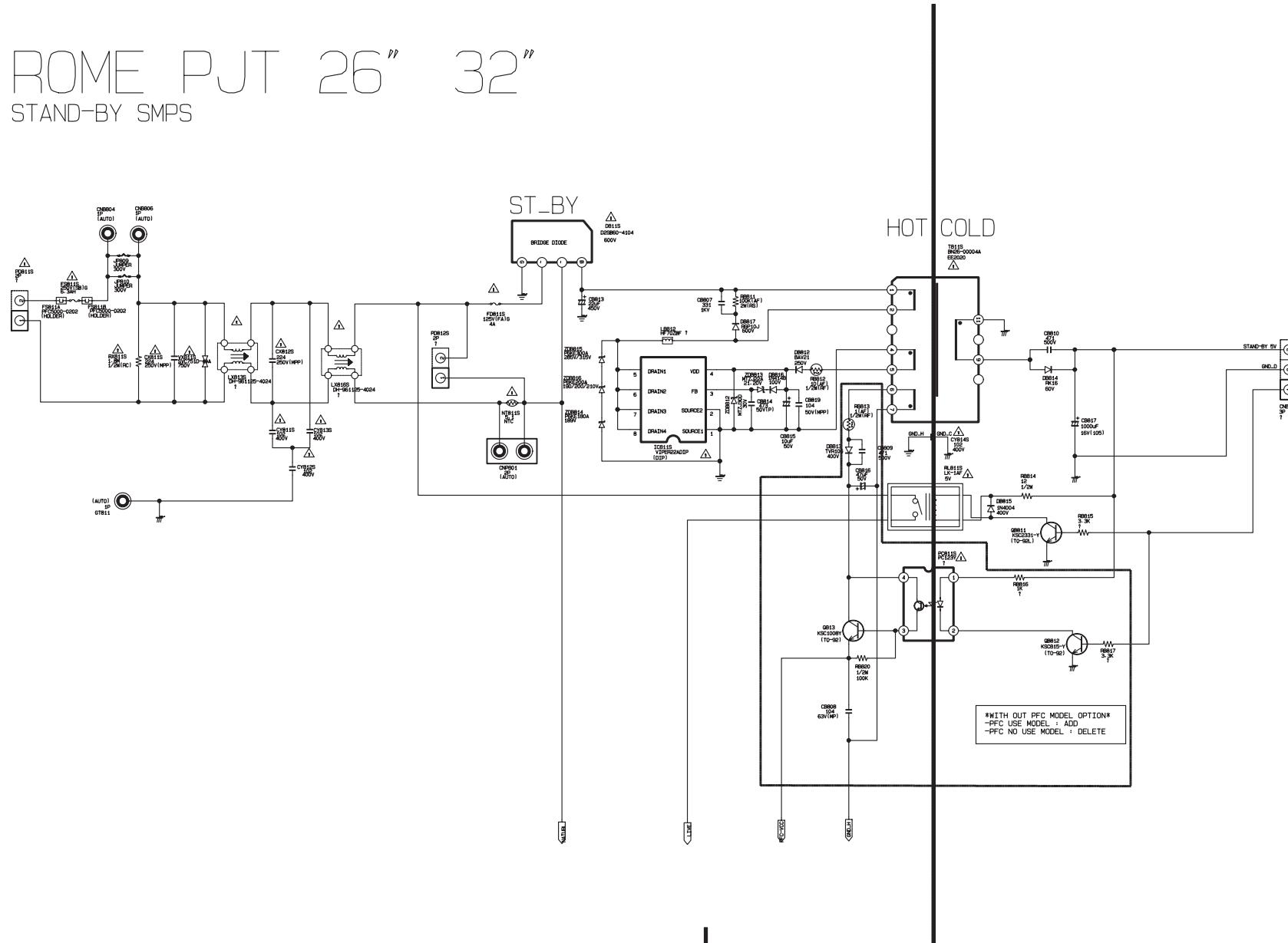
11-8 PFC_CONTROL SMPS Schematic Diagram(26", 32")



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11-9 STAND BY SMPS Schematic Diagram(26", 32")

ROME PJT 26" 32"
STAND-BY SMPS



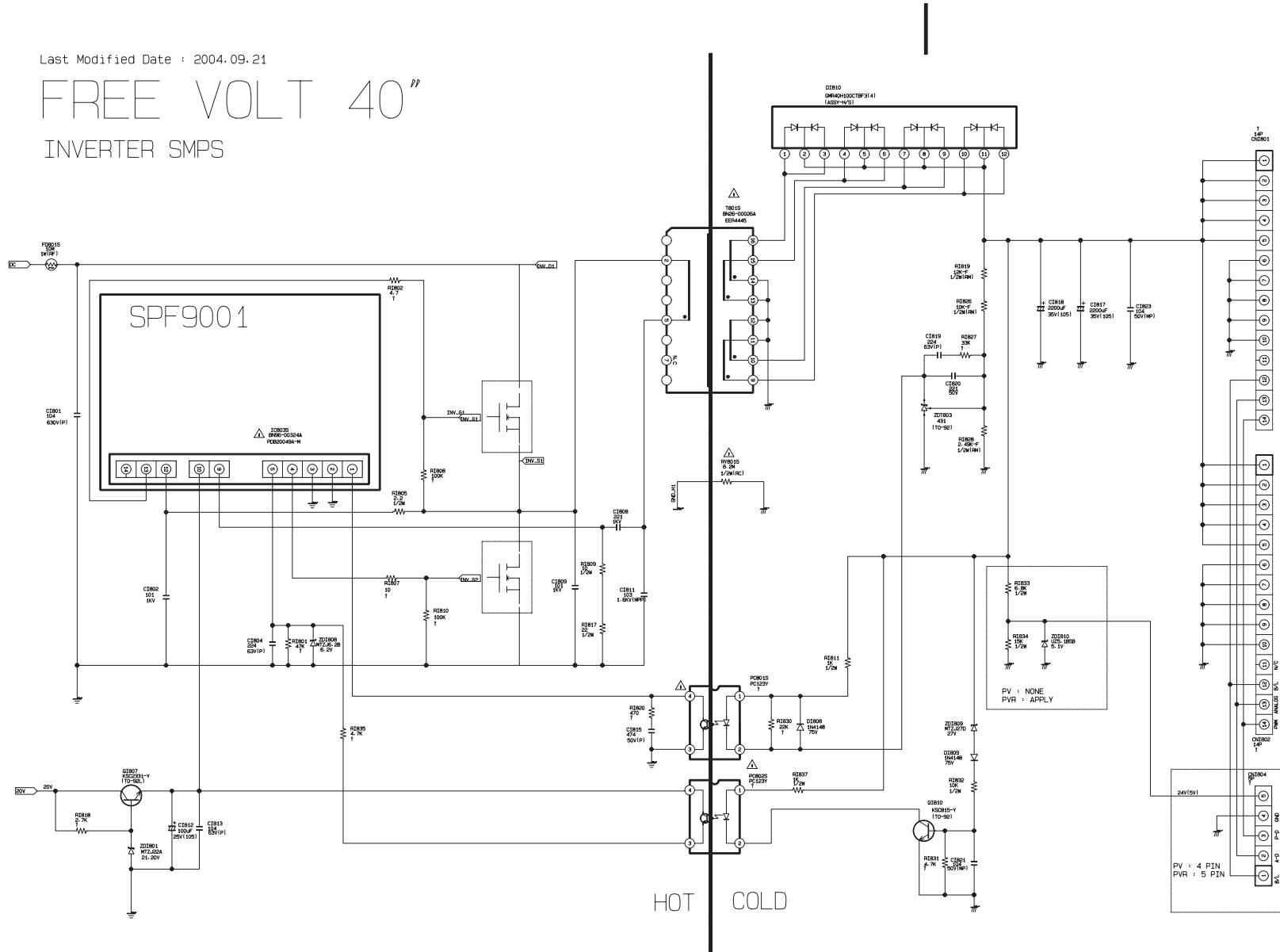
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11-10 INVERTER Schematic Diagram(40")

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FREE VOLT 40"

INVERTER SMPS



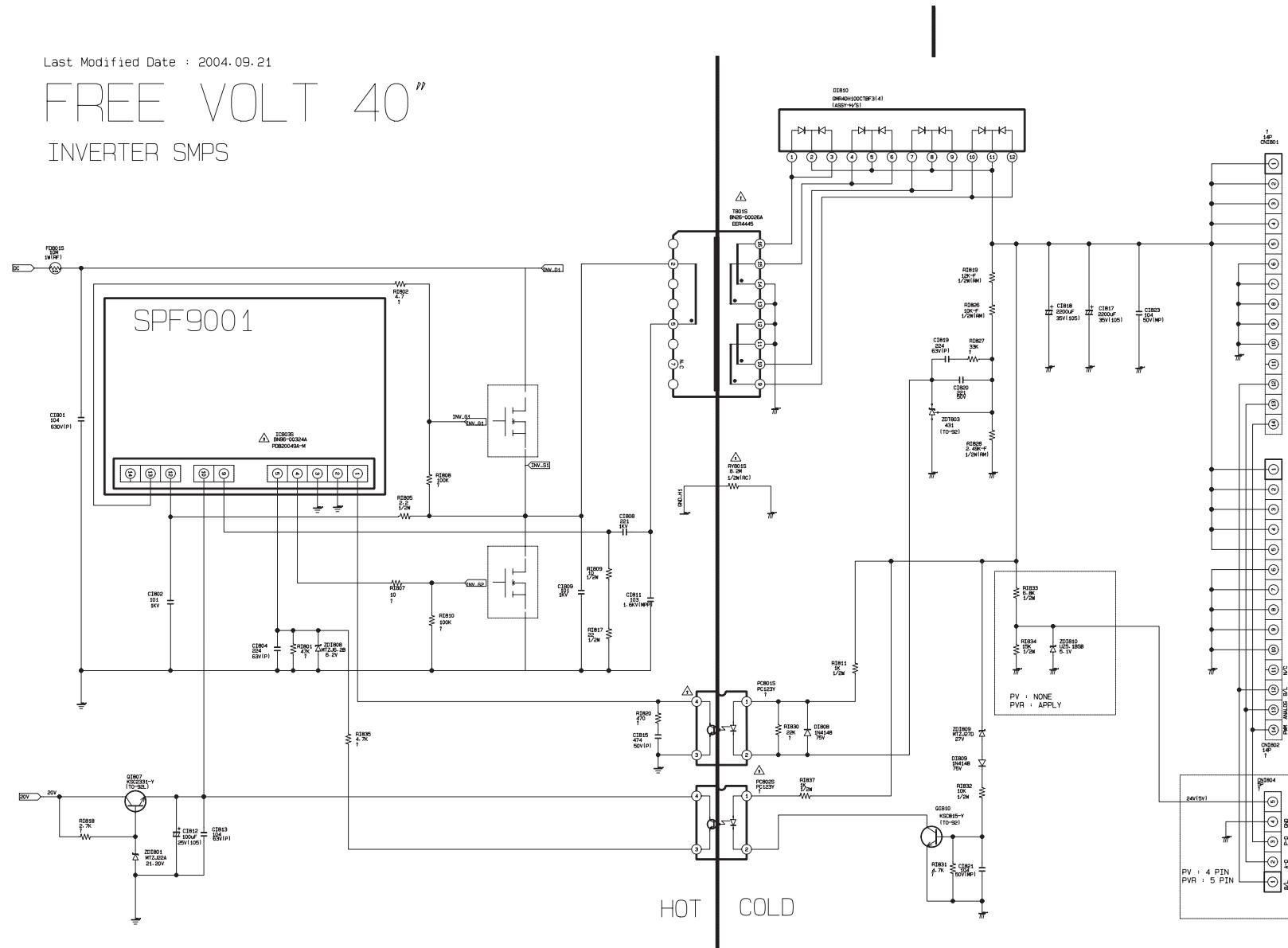
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11-11 MULTI_SMPS Schematic Diagram(40")

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FREE VOLT 40"

INVERTER SMPS



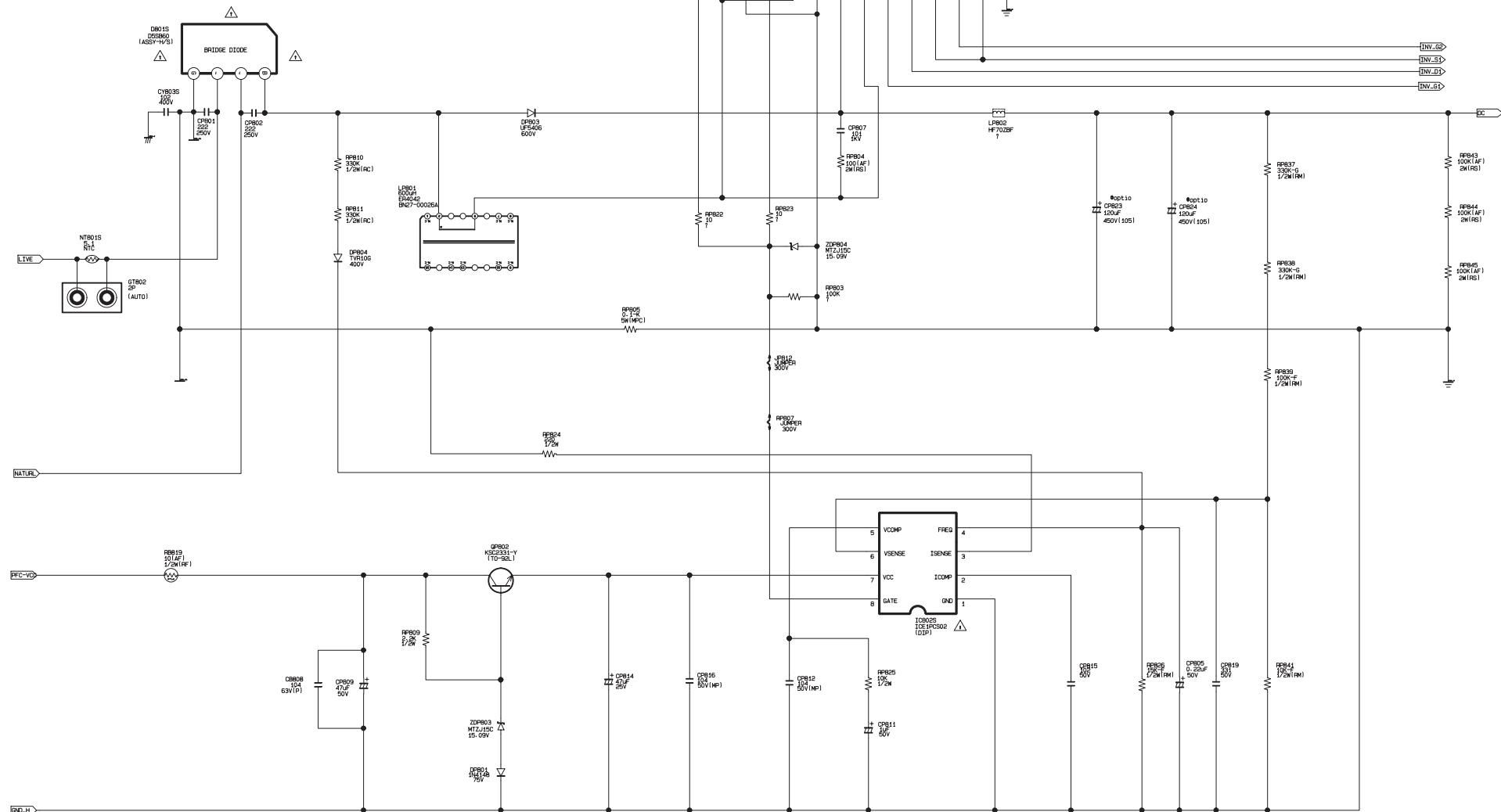
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11-12 PFC_CONTROL SMPS Schematic Diagram(40")

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FREE VOLT 40

PFC-CONTROL SMPS



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11-13 STAND BY SMPS Schematic Diagram(40")

Last Modified Date : 2004.09.21

FREE VOLT 40^W

